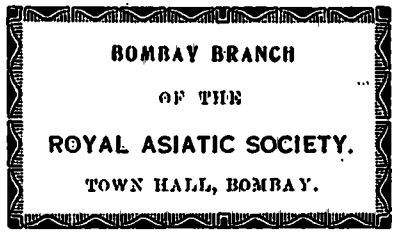
Notes on Vaccination
in the Bombay Presidency
1923-24 to 1927-28
and
Triennial for 1923-26



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Notes on Vaccination in the Bombay Presidency

For the Year 1923-24

(With Appendices)

133636

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00133636

BOMBAY
PRINTED AT THE GOVERNMENT CENTRAL PRESS
1924

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NOTES ON VACCINATION IN THE BOMBAY PRESIDENCY FOR THE YEAR 1923-24.

Selected Districts.

1. The control of vaccination in one selected District of each Registration Circle continued to be exercised by the Local Board of that District.

Changes in area and administration

2. The municipality of Karachi took over control of vaccination in Karachi town from the Assistant Director of Public Health, Sind Registration District, from 1st April 1923 in accordance with Government Order, General Department, No. 7472, dated 21st June 1921. Control and supervision of vaccination in the Sachin State has been taken over by the State Authorities from 1st January 1924. Vaccination of the civil population in the Belgaum Cantonment was taken over by the Cantonment Committee and placed in the hands of the Medical Officer in charge of Cantonment Hospital in October 1922, but on the hospital being reduced to the status of a dispensary there was no staff available for the work and it was, therefore, handed back to the Public Health Department on 1st June 1923. In Sind 1,866 villages are said to have been depopulated. The reporting of results of vaccination in Bushire has been discontinued at the request of the Residency Surgeon there, for the reason that "Bushire is a purely Persian town, administered by Persian officials who keep no records of any kind and the preparation of a return worth anything is impossible."

Changes amongst staff.

3. During the year under report the office of the Director of Public Health was held by Lieut.-Colonel H. M. H. Melhuish, D.S.O., I.M.S., from 1st April to 29th March 1924 and for the remaining two days by Lieut.-Colonel W.O'S. Murphy, I.M.S. The 5 Assistant Directors of Public Health were the supervising officers in the respective Vaccination Districts and the only changes were transfers *inter se*. Thus Drs. Dalal and Munsiff were in charge of the Southern and Western Registration Districts, respectively, throughout, and for practically the whole year Dr. da Gama held charge in the Central Registration District and Dr. Pinto in Guzerat. In Sind Dr. Shiveshwarkar was in charge after 15th April 1923 prior to which date the Officer in charge Public Health Laboratory (Dr. F. Barretto) was A. D. P. H. in addition to his own duties. Dr. R. W. Fisher was Director of the Vaccine Institute, Belgaum, from 1st April to 25th October 1923, the date preceding his death, when Dr. Dalal took over.

Retrenchment.

4. Three District Local Boards selected vaccination as the service in which they could most conveniently economise and one of them, Thar and Parkar, insisted on reducing their vaccination

staff from 13 to 7 thereby leaving large areas without vaccinators' service for long intervals. It is to be noted that the district in question is subject to exploitation by unprincipled operators who use live small-pox virus as vaccine, thus implanting the disease itself. The saving to the District Local Board as a result of this economy at the expense of human life and sickness amounts to Rs. 3,936 per annum.

5. Necessary reductions in vaccination staff were the abolition of the post of Municipal vaccinator for Tatta town from 1st August 1923 (G.R., G.D., No. 4107, dated 20th June 1923) and the reduction of the large staff of 11 vaccinators (engaged during epidemic small-pox in 1922) in Aden to 5.

Bhor State strengthened their staff by appointing a candidate vaccinator.

Primary Vaccinations. (*Appendix I, Statements I and III.*)

6. Compared with the preceding year, 1923-24 showed an increase in births that would be expected to result in an increase in the number of persons primarily vaccinated. On the other hand, the vaccination figures from Aden show a large drop as the unprotected persons available for vaccination became exhausted. On the whole there is a slight decrease; the figure of primary vaccinations for the year being 631,850 as compared with 633,602 in 1922-23.

Leaving Aden out of consideration the figures for 1923-24 compared with those for 1922-23 show an increase (from 587,737 to 616,320) in primary vaccination in all Vaccination Districts and this is attributable to the prevalence of small-pox in the greater part of the Presidency. Re-vaccination work also showed increase in all the Districts except the Southern Registration District where there was a slight decrease.

Results in Primary Vaccinations.

7. Out of 631,850 vaccinations, 559,329 or 88·52 per cent. were successful, 1,473 or ·25 per cent. were unsuccessful and the results could not be ascertained in 11·23 per cent. of the cases. Owing to failure of the first operation 73 persons were operated on a second time.

Age and Sex.

8. Of the primary vaccinations, 477,082 or 75 per cent. were of infants under one year of age and 134,508 or 21 per cent. of children between the ages of 1 and 6 years. By sex, 330,921 were males and 300,929 females equal to a proportion of 109·97 to 100, a preponderance of males rather greater than shown in births registered (108·52 to 100).

Re-vaccinations. (*Appendix I, Statements I and III.*)

9. 112,268 persons were re-vaccinated against 99,141 in the last year showing an increase of 13,127. The percentage of successful

re-vaccinations was 47·81 ; the results in 51·23 per cent. (excluded from this calculation) could not be ascertained.

The increase in re-vaccinations in the Guzerat Registration District is attributed to the large number of prisoners at the Sabarmati Central Jail and to the efforts of Missionaries, amongst their communities at Godhra and Anand during the prevalence of small-pox in the latter part of the year.

In Sind, two districts show a decrease in work. The reduction in staff in Thar and Parkar already referred to left Jamesabad, Sanghar, Chachro, Diplo and part of Khipro Talukas without any vaccinators while in Sukkur the decrease is attributed to migration of people from Mirpur, Ghotki and Ubauro Talukas owing to lack of inundation.

The high percentage of unknown cases in both primary and re-vaccinations is due to the migratory nature of the population in Sind and Aden. In Aden specially, it is impossible to estimate the number of successful cases.

Vaccinations in Native States. (*Appendix II, Statement I.*)

10. In the Native States 177,831 persons were primarily vaccinated against 175,692. The number of successful cases was 174,618 or 98·15. The percentage of success excluding unknown was 99·40.

Re-vaccinations numbered 12,940 against 8,665 in the previous year. The results were inspected in 75·21 per cent. of these re-vaccinations and showed a per cent. success rate of 72·82.

Vaccination of Pilgrims at Karachi.

11. The temporary vaccination establishment consisting of one male vaccinator, one female vaccinator, one clerk and one cooly for the vaccination of pilgrims proceeding to Hedjaj, vaccinated 7,455 pilgrims against 4,390. Of these 7,133 sailed from the port and the remaining 322 were indigent, could not purchase tickets and had to go back to their native places. The total expenditure on vaccination was Rs. 668-14-10 against Rs. 702-4-0 in the previous year.

Total number of operations.

12. The total number of primary vaccinations including those in Native States amounts to 809,731 and the total of re-vaccinations 125,208.

Incidence of small-pox.

13. As regards the incidence of small-pox, all the Registration Districts except the Southern Registration District and Aden Settlement returned a large number of deaths.

In Guzerat infection was brought from the adjoining Gaikwad territory. The epidemic first broke out in Kapadvanj Town in November 1923, but was not reported by the local authorities and thus remained unnoticed for nearly a month whilst this town and villages around were fast becoming potent centres of further spread

of infection. Surat also was affected early. In Aden, following on the efficient vaccination campaign, there were only 18 cases of small-pox of which 16 were imported during the year and there were 6 deaths against 69 in the previous year.

Vaccination campaigns.

14. As usual a special vaccination campaign among school children in municipal towns and Taluka head-quarters of all districts except Surat in the Guzerat Registration District, was carried out last season by all the Inspectors of Sanitation and Vaccination. The percentage of inspected children found unprotected was 5·63 which shows an improvement over the figures of the last year. In the Western R. D. investigation showed that there was growing indifference to vaccination on the part of the public, particularly in Khandesh, resulting in a large increase in the number of unprotected amongst the younger children. Systematic vaccination campaigns were advised by the Assistant Director of Public Health and when Dhulia and Malegaon were overtaken by epidemic small-pox, local bodies took action. The Officers of the Department generally used all the means at their command to check the spread of the epidemic and several local bodies took the matter up when the enemy (small-pox) was upon them. The indifference of the public in many places is impossible to overcome and as an instance in Kolaba District testifies where the advice and efforts of local officers and the local body failed to prevail.

Anti-vaccination movements.

15. Organised active anti-vaccination propaganda still continues in Hyderabad town (Sind). In Surat City also it came to the notice of the Assistant Director of Public Health, Guzerat Registration District, that an anti-vaccination campaign was being conducted by certain persons by distribution of leaflets and publication of articles in local vernacular papers. The A. D. P. H. thereupon discussed the situation with the Health Officer and advised counter propaganda. This advice was acted upon and there is reason to believe that it succeeded in nullifying the effects produced by the movement. In spite of such misguiding efforts, vaccination continues on the whole to maintain its position in the estimation of the people as a sure defence against small-pox.

Vaccine Institute, Belgaum.

16. The ammonia compressing machine was fitted with an ice making arrangement to replace the old Co. 2 machine. The new plant has been successful in making ice sufficient for the various processes in preparation, purification, etc., of the vaccine lymph. Repairs were done to the cold store rooms. Government have sanctioned an additional allotment of Rs. 735 for complete lining of the cold room and ante-room walls of the refrigerating plant with asbestos sheeting. The work will shortly be taken in hand by the Electrical Department.

The old spare engine installed during the year 1922-23 was removed by the Electrical Engineer to Government as it did not carry sufficient load and in its place one Gardner engine of 25 B. H. P. with a dynamo was installed to carry on in case any of the two engines struck work.

Water-supply was insufficient in the dry season and the new well not answering expectation, water carts had to be engaged to supplement the supply. The drainage system worked well during the year.

During the year 1923-24, 1,184,957 doses of lymph were issued from the Institute against 1,172,800, an increase of 12,157 over 1922-23. Zanzibar Government were supplied with 28,000 doses, Aden with 9,200 and including these a total of 101,302 doses were issued apart from the supply to contributing bodies.

A vacancy that occurred in the superintending staff in 1922 was filled by appointing a young veterinary graduate. The advantage of having a man so qualified to inspect batches of new calves and attend to any outbreaks of illness amongst the stock is manifold. There was no epizootic during the year. The quality of vaccination on the calves was satisfactory. The passage of lymph strains through rabbits maintained the potency of seed lymph at a high level. Seed lymphs were supplied to the King Institute, Madras, and Padukotah State.

Careful selection of vesicles at the time of collection from calves is the explanation of the Director for the slightly reduced yield of pulp per calf vaccinated but he adds that it also explains the compensatory advantage in the way of marked reduction in the number of lymphs rejected after trial on children. Attempt was made to test in this way the potency of every lymph manufactured.

The gross expenditure of the Institute for the year 1923-24 amounted to Rs. 60,260-3-8 against Rs. 73,260-13-10. The net expenditure after deducting sale proceeds from non-contributing constituents was Rs. 46,474-2-6 against Rs. 58,291-6-11.

The death of Dr. Fisher mentioned in an earlier paragraph is a grievous loss to the Institute and to vaccination in general. Lieut.-Colonel Hutchinson, C.I.E., I.M.S., in 1911 after he had himself fully established the feasibility of the manufacture and use of glycerinated calf lymph and of its use in the Presidency in substitution of the older arm-to-arm and calf-to-arm methods and when his scheme of an up-to-date Institute had materialized, selected Dr. Fisher as its first Director. His proposals in this as in the scheme generally were wisely adopted by Government and Dr. Fisher to the end devoted his untiring energy and his many talents to the very special work of his appointment. His conduct of the Institute and his technical work drew expressions of appreciation from officials, medical scientists and others. For his work at Belgaum, his University (Queen's University, Belfast) awarded him in 1922 the M.D. with gold medal, and a few months before he went to his Great Reward he received from Government the Kaiser-i-Hind Medal—2nd Class.

Lymph in use for vaccination.

17. All vaccinations were performed with glycerinated lymph manufactured at the Vaccine Institute, Belgaum, and the following table shows the results obtained:—

Districts.	Number of operations.		Successful cases excluding unknown.		Percentage of success.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
Western Registration District ...	131,329	3,758	108,666	1,282	99·56	61·02
Bombay City	20,852	25,145	17,142	...	98·69	...
Central Registration District ...	144,369	11,550	129,708	4,484	99·93	49·28
Southern Registration District ...	104,599	39,718	102,956	11,318	99·93	39·93
Guzerat Registration District ...	120,643	5,876	109,736	1,589	99·60	38·39
Sind Registration District ...	93,938	11,949	90,175	998	99·89	47·70

Cost of Vaccination. (*Appendix I, Statement II.*)

18. The cost of vaccination came to Rs. 6,18,353 against Rs. 6,52,367 in the previous year, a decrease of Rs. 34,014. The decrease is due to less supplementary bills, retirement of senior vaccinators whose posts were filled up by men on less pay, curtailment of vaccination establishment, and less travelling by the Assistant Director of Public Health, Southern Registration District.

The cost of each successful case of vaccination was Rs. 1-1-1 against Rs. 1-3-0 in the previous year.

Inspection work of the Assistant Directors of Public Health and Inspectors of Sanitation and Vaccination.

19. The Assistant Directors of Public Health inspected 20,466 vaccinated persons or 2·75 per cent. in 611 towns and villages and they travelled 22,206 miles. The Inspectors of Sanitation and Vaccination inspected 227,867 persons in 9,624 towns and villages travelling 80,156 miles. Thus the results of 248,333 vaccinations or 33·37 per cent. were checked by examination. The success rate of primary vaccination as ascertained by the Assistant Directors of Public Health was 98·87 and by Inspectors 98·80 per cent.

Compulsory Vaccination.

20. The following table shows the progress made in the protection of infants during the year under report and the number of deaths

from small-pox during five years in those towns in which Compulsory Vaccination Act has been in force :—

Name.	Population.	Children available for vaccination.		No. of children under one year successfully vaccinated.	Number of deaths from small-pox.				
		Births minus deaths of children under one year.	At the rate of 31 per 1,000 of population.		1919-20.	1920-21.	1921-22.	1922-23.	1923-24.
Bombay City	1,175,914	12,363	36,453*	12,034	683	335	482	188	785
Bandra	27,411	456	907	371	18	5	4	...	7
Kurla	26,059	268	807	524	22	...	5	1	7
Ahmedabad	270,775	7,767	8,387	7,323	33	32	48	1	159
Karachi	216,883	6,937	6,961	5,437	91	39	126	116	40
Hyderabad	73,951	2,364	2,512	1,401	311	30	...	6	213
Sukkur	42,759	1,063	1,340	723	22	4	...	2	...
Rohri	11,378	248	308	174	11	1	...	1	1
Larkana	17,723	436	572	205	36	...	1	...	...
Deolali Cantonment ...	18,789	38	582	154	2	...	...	...	5
Aden Cantonment ...	56,500	...	...	77	5	1	2	69	6

* The calculated figure is probably slightly in excess for Bombay City owing to unusual sex distribution of the population.

There is some opposition to vaccination in many of these towns and in most of them compulsion is either absent, lax or spasmodic. Bye-laws regarding Registration of Births and Deaths are not enforced in the towns except in Karachi and Ahmedabad and the defaults in the birth registers result in many infants being left without vaccination.

Vaccination in Municipal towns.

21. A statement showing the number of vaccinations under one year of age in Municipal towns is attached as Appendix III.

Ill effects.

22. No ill effects after vaccination were reported during the year.

Diagram.

23. A diagram illustrating the proportion of the population successfully vaccinated in each district during seven years from 1st April 1917 to 31st March 1924 and the death-rate from small-pox for the year 1923-24 is given as Appendix IV.

General remarks.

24. The disposition among certain local bodies to economise at the expense of the vaccination staff has already been referred to.

This is much to be deprecated. The present staff is none too strong in number and further weakening with its immediate consequence, and increase in the number of unprotected children, will certainly facilitate the spread of epidemic small-pox and lead to increased fatality from that disease in the Presidency.

W. O'S. MURPHY, D.P.H.,
Lieut.-Colonel, I.M.S.,
Director, Public Health.

Poona, 6th August 1924.

APPENDICES.

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	WESTERN REGISTRATION DISTRICT.			
	EAST KHANDESH COLLECTORATE—			
1	Chopda Town (Municipal)	16,930	11,338	1
2	Nasirabad do. (Local Fund)... ...	12,188	.....	...
3	Jalgaon do. (Municipal)	23,710	66	1
4	In the 13 Rural circles. { Local Fund ... / Municipal ... }	1,023,009	224	18
	Total ...	1,075,837	236	20
	WEST KHANDESH COLLECTORATE—			
5	Dhulia Town (Municipal)	30,605	52	1
6	Nandurbar do. do.	13,842	...	1
7	In the 8 Rural circles. { Local Fund ... / Municipal ... }	597,400	109	12
	Total ...	641,847	118	14
	NASIK COLLECTORATE—			
8	Nasik Town (Municipal)	42,756	...	1
9	Yeola do. (do.)	13,911	8,137	1
10	Malegaon do. (do.)	23,711	930	1
11	Deolali cantonment	18,789	24	...
12	In the 12 Rural circles Local Fund ...	733,409	124	17
	Total ...	832,576	142	20
	THANA COLLECTORATE—			
13	Thana Town (Municipal)	22,639	2,227	1
14	Kalyan do. (do.)	17,829	12,600	...
15	In the 9 Rural circles Local Fund ...	719,448	205	17
	Total ...	759,916	221	19

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DIX I.

No. I.

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 137	131	268	268	268	187	31	219	49
R. ...	...	...						
P. 132	135	267	267	267	163	15	178	87
R. 1	1	2						
P. 350	354	704		704	401	89	492	204
R. 2	...	2						
P. 15,841	15,820	31,661	1,995	31,667	20,787	3,479	24,313	7,150
R. 247	57	304		3,902	2,255	773	3,041	845
P. 1,953	1,949	3,902						
R. 36	12	48						
P. 18,413	18,389	36,802	1,857	36,808	23,793	4,387	28,242	8,335
R. 286	70	356						
P. 497	506	1,003	1,053	1,003	552	209	775	225
R. 34	16	50						
P. 220	226	446	452	446	282	66	348	98
R 3	3	6						
P. 9,053	8,954	18,007	1,611	18,007	12,150	2,435	14,611	3,297
R. 140	66	206		1,114	658	186	857	257
P. 615	499	1,114						
R. 9	1	10						
P. 10,385	10,185	20,570	1,488	20,570	13,642	2,896	16,591	3,877
R. 186	86	272						
P. 683	646	1,329	1,404	1,329	898	264	1,164	153
R. 42	33	75						
P. 270	264	534	550	534	371	45	421	113
R. 16	...	16						
P. 728	747	1,475	1,484	1,475	763	330	1,099	361
R. 7	2	9						
P. 231	200	431	852	431	154	186	388	43
R. 359	62	421						
P. 13,343	13,444	26,787	1,616	26,794	17,268	3,818	21,215	5,541
R. 621	175	696						
P. 15,255	15,301	30,556	1,588	30,563	19,454	4,643	24,287	6,211
R. 945	272	1,217						
P. 329	316	645	1,524	645	477	142	622	19
R. 792	87	879						
P. 339	302	641	642	641	393	207	607	33
R ...	1	1						
P. 10,002	9,832	19,834	1,179	19,835	12,852	5,249	18,236	1,562
R. 144	15	209						
P. 10,670	10,450	21,120	1,168	21,121	13,722	5,598	19,465	1,614
R. 936	153	1,089						

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	WESTERN REGISTRATION DISTRICT.					
	EAST KHANDESH COLLECTORATE—					
1	Chopda Town (Municipal)	...	...	...	100·00	...
2	Nasirabad do. (Local Fund)	... 2	... 1	... 1	... 98·88	... ...
3	Jalgaon do. (Municipal	... 2	... ...	... 1	... 97·81	100· ...
4	In the 13 Rural circles. Local Fund ...	... 304	... 79	... 160	... 99·16	... ...
	Municipal ...	... 48	... 10	... 17	... 99·47	... 54·86 ... 32·26
	Total ...	... 356	... 90	... 179	99·19 ...	... 50·84
	WEST KHANDESH COLLECTORATE—					
5	Dhulia Town (Municipal)	... 50	... 14	... 14	99·62 ...	... 38·88
6	Nandurbar do. (do.)	... 6	... 2	... 3	100·00 ...	... 66·66
7	In the 8 Rural circles. Local Fund ...	... 206	... 89	... 65	99·33 ...	... 63·12
	Municipal ...	... 10	... 2	... 7	100· ...	... 66·66
	Total ...	... 272	... 107	... 89	99·39 ...	... 58·47
	NASIK COLLECTORATE—					
8	Nasik Town (Municipal)	... 75	... 23	... 13	98·98 ...	... 87·10
9	Yeola do. (do.)	... 16	... 10	... 6	100· ...	... 100·
10	Malegaon do. (do.)	... 9	... 1	... 8	98·65 ...	... 100·
11	Deolali Cantonment	... 421	... 51	... 370	100· ...	... 71·85
12	In the 12 Rural circles Local Fund ...	... 696	... 267	... 322	99·67 ...	... 71·39
	Total ...	... 1,217	... 352	... 719	99·73 ...	... 70·68
	THANA COLLECTORATE—					
13	Thana Town (Municipal)	... 879	... 329	... 298	96·16 ...	... 56·63
14	Kalyan do. (do.)	... 1	... ...	... 1	99·83 ...	... ...
15	In the 9 Rural circles Local Fund ...	... 209	... 67	... 57	99·80 ...	... 44·08
	Total ...	... 1,089	... 396	... 356	99·78 ...	... 54·02

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000	Number	Ratio per 1,000
18	19	20	21	22	23	24
12·94	18·21	...	432	25·52	3	·17
...	...	...				
14·69	32·58	...				
...	...	50·00	335	27·49	...	...
20·75	28·98	...				
...	...	50·00				
23·84	22·58	...				
...	...	52·63	24,049	23·50	263	·25
2·98	21·62	...				
...	...	35·42				
26·33	22·64	...	25,799	23·98	266	·25
...	...	50·28				
25·78	22·43	...				
...	...	28·00	1,130	36·92	...	...
95·28	21·07	...	345	24·92	9	·65
...	...	50·00				
...	18·31	...				
24·11	...	31·55	13,637	22·83	288	·48
1·43	23·07	...				
...	...	70·00				
26·01	18·85	...	15,122	23·56	297	·46
...	...	32·72				
...	11·51	...				
27·74	...	17·33	1,033	24·16	9	·21
...	21·16	...	425	30·55	...	...
30·98	...	37·50				
...	24·47	...	481	20·29	13	·55
46·39	...	88·88				
...	9·98	...	157	8·36	1	·05
23·37	...	87·65				
29·29	20·67	...	18,311	24·97	125	·17
...	...	46·26				
...	20·32	...	20,408	24·51	148	·17
29·34	...	59·07				
...	5·94	...				
42·01	...	37·77	825	36·44	3	·13
...	5·15	...				
34·05	...	100·	323	18·12	1	·05
25·44	7·87	...	15,949	22·16	120	·16
...	...	37·87				
...	7·64	...				
26·13	...	32·69	17,242	23·68	124	·16

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 192 .	Average population per square miles.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	WESTERN REGISTRATION DISTRICT —*continued.*			
	BOMBAY SUBURBAN DISTRICT—			
16	Bandra Town (Municipal)	29,271	...	1
17	Kurla do. (do.)	26,059	...	1
18	Santacruz Cantonment	6,953	...	...
19	In the 2 Rural circles. { Local ... ... / Fund ... ... }	91,943	...	2
	Total ...	154,226	...	4
	KOLABA COLLECTORATE—			
20	Panwel Town (Local Fund)	8,625	47	...
21	Alibag do. (do.)	...	89	...
22	Mahad do. (do.)	...	7,164	...
23	In the 8 Rural circles. { Local ... ... / Fund	... ...	249	14
	Total ...	562,942	252	14
	NATIVE STATES—			
24	Jawhar	49,662	161	1
25	Surgana	14,912	41	1
	Total ...	64,574	182	2
	TOTAL BY ESTABLISHMENT IN WESTERN REGISTRATION DISTRICT—			
	Local Fund	3,728,151	172	79
	Municipal	273,451	...	12
	Cantonment	25,742	...	...
	Native Satates	64,574	153	2
	Grand Total ...	4,091,918	182	93

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Male.	Female.	Total.						
P. 356	391	747	1,257	747	371	203	668	77
R. 239	271	510						
P. 428	477	905	914	905	524	320	861	39
R. 3	6	9						
P. 9	7	16	76	16	6	5	11	...
R. 60	...	60						
P. 1,244	1,268	2,512	1,292	2,512	1,391	833	2,245	265
R. 52	20	72						
P. 2,037	2,143	4,180	1,207	4,180	2,292	1,351	3,785	381
R. 354	297	651						
P. 129	107	236	238	236	110	87	200	36
R. 1	1	2						
P. 71	50	121	122	121	55	51	116	5
R. ...	1	1						
P. 120	112	232	238	232	88	133	232	...
R. 2	4	6						
P. 7,902	7,454	15,356	1,108	15,356	10,270	3,374	13,721	1,607
R. 111	47	158						
P. 8,222	7,723	15,945	1,150	15,945	10,523	3,645	14,269	1,648
R. 114	53	167						
P. 763	767	1,530	1,530	1,530	1,312	210	1,528	2
R. ...	...	...						
P. 322	290	612	618	612	190	287	499	113
R. 5	1	6						
P. 1,085	1,057	2,142	1,074	2,142	1,502	497	2,027	114
R. 5	1	6						
P. 57,837	57,176	115,013	1,474	115,027	75,134	19,464	95,066	19,550
R. 1,219	437	1,656						
P. 6,905	6,808	13,713	1,277	13,713	8,132	2,865	11,174	2,473
R. 1,183	432	1,615						
P. 240	207	447	928	447	160	191	399	43
R. 419	62	481						
P. 1,085	1,057	2,142	1,074	2,142	1,502	497	2,027	114
R. 5	1	6						
P. 66,067	65,248	131,315	...	131,329	84,928	23,017	108,666	22,180
R. 2,826	932	3,758						

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.
1	2	13	14	15	16	17
	WESTERN REGISTRATION DISTRICT —*continued.*					
	BOMBAY SUBURBAN DISTRICT—					
16	Bandra Town (Municipal)	...	...	...	99·70	...
		510	214	217	...	78·03
17	Kurla do. (do.)	...	...	...	99·42	...
		9	4	3	...	66·66
18	Santacruz Cantonment	...	...	...	68·75	...
		60	30	...	...	50·50
19	In the 2 Rural circles. Local	...	...	...	99·91	...
	Fund	72	29	28	...	65·91
	Total ...	...	...	...	99·63	...
		651	277	248	...	68·73
	KOLABA COLLECTORATE—					
20	Panwel Town (Local Fund)	...	...	...	100·	...
		2	...	2	...	...
21	Alibag do. (do.)	...	...	...	100·	...
		1	...	...	...	...
22	Mahad do. (do.)	...	...	...	100·	...
		6	6	...	...	100·
23	In the 8 Rural circles. Local	...	...	...	99·79	...
	Fund	158	51	62	...	53·12
	Total ...	...	...	...	99·80	...
		167	57	64	...	55·34
	NATIVE STATES—					
24	Jawhar	...	...	...	100·	...
		...	...	...	...	...
25	Surgana	...	...	...	99·80	...
		6	3	2	...	75·00
	Total ...	...	...	...	99·95	...
		6	3	2	...	75·00
	TOTAL BY ESTABLISHMENT IN WESTERN REGISTRATION DISTRICT—					
	Local Fund	...	...	...	99·57	...
		1,656	589	697	...	61·42
	Municipal	...	...	...	99·41	...
		1,615	609	588	...	58·32
	Cantonment	...	...	...	56·67	...
		481	81	370	...	72·97
	Native States	...	...	...	99·95	...
		6	3	2	...	75·00
	Grand Total ...	...	...	...	99·56	...
		3,758	1,282	1,657	...	61·02

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number	Ratio per 1,000
18	19	20	21	22	23	24
...	10·31	...				
30·13	...	42·55	Not available		...	...
...	4·31	...				
33·19	...	33·33	...	...	...	...
...	...	...				
5·89	...	...	...	...	...	...
...	10·55	...				
24·73	...	38·88	...	...	...	...
...	9·11	...				
26·34	...	26·07	...	...	...	...
...	15·25	...				
23·19	...	700·	148	17·16	2	·23
...	4·13	...				
21·99	...	...	117	22·18	1	·19
...	...	...				
33·09	...	...	107	14·87	...	...
...	10·46	...				
25·41	...	39·24	12,074	22·28	74	·13
...	10·33	...				
25·45	...	38·32	12,446	22·11	77	·13
...	·13	...				
30·76	...	...	1,185	23·86	...	...
...	18·30	...				
33·66	...	38·33	360	24·14	...	...
...	5·32	...				
31·44	...	33·33	...	...	...	...
...	16·99	...				
25·66	...	41·48	82,758	23·19	873	·23
...	18·03	...				
43·09	...	36·41	9,043	33·07	38	·13
...	9·62	...				
18·65	...	76·92	Not available		1	·0.
...	5·32	...				
31·44	...	33·33	...	...	...	...
...	16·89	...				
26·87	...	44·09	95,641	22·88	912	·21

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 192	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
26	BOMBAY CITY	1,175,914	52,146	9
	CENTRAL REGISTRATION DISTRICT.			
	AHMEDNAGAR COLLECTORATE—			
27	Ahmednagar Town (Municipal) ...	34,358	11,292	1
28	Ahmednagar Cantonment	10,997	1,648	.....
29	Sangamner Town (Local Fund) ...	12,737	23,781	.....
30	In the 12 Rural circles (Local Fund) ...	682,986	134	17
	Total ...	741,088	125	18
	POONA COLLECTORATE—			
31	Poona City (Municipal)	133,227	23,451	2
32	Poona and Kirkee Cantonments ...	41,032	3,392	3
33	Junnar Town (Local Funds) ...	7,381	.....	.....
34	Baramati do. (do.)	11,905	.....	.....
35	Khed do. (do.)	7,013	.....	.....
36	Lonavla do. (do.)	6,337	.....	.....
37	In the 11 Rural circles. { Local Fund ... / Municipal ... }	791,659	165	15
	Total ...	998,554	.....	19
	SHOLAPUR COLLECTORATE—			
38	Sholapur Town (Municipal) ...	119,347	12,269	2
39	Barsi do. (do.) ...	22,074	1,170	1
40	Pandharpur do. (do.) ...	25,210	47,583	1
41	In the 7 Rural circles. { Local Fund ... / Municipal ... }	575,606	146	11
	Total ...	742,237	163	15

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 10,938	9,914	20,852	511	20,852	12,034	5,028	17,142	3,482
R. 19,806	5,339	25,145						
P. 842	805	1,647	2,929	1,647	913	272	1,196	450
R. 605	677	1,282						
P. 250	144	394	1,012	394	275	119	394	...
R. 481	131	618						
P. 139	150	288	290	288	231	42	274	14
R. ...	2	2						
P. 11,480	11,420	22,900	1,371	22,900	17,587	1,778	19,409	3,479
R. 327	87	414						
P. 12,710	12,519	25,229	153	25,229	19,006	2,211	21,273	3,943
R. 1,419	897	2,316						
P. 2,131	2,123	4,294	2,776	4,294	2,751	1,029	3,851	441
R. 671	688	1,259						
P. 624	569	1,193	2,763	1,193	768	267	1,071	119
R. 2,848	1,484	4,332						
P. 104	90	194	261	194	99	73	176	17
R. 64	3	67						
P. 196	195	391	398	391	284	62	346	45
R. 5	2	7						
P. 29	49	78	90	78	41	17	58	20
R. 7	5	12						
P. 91	91	182	198	182	113	61	176	3
R. 8	8	16						
P. 11,536	11,281	22,817	1,701	22,817	16,352	3,467	19,882	2,930
R. 586	153	739						
P. 204	148	352		352	238	80	337	15
R. 1,052	554	1,606						
P. 14,905	14,596	29,501	1,976	29,501	20,676	5,056	25,897	3,590
R. 5,141	2,897	8,038						
P. 1,613	1,612	3,225	1,621	3,226	2,040	759	2,818	406
R. 15	2	17						
P. 529	513	1,042	1,110	1,042	613	314	938	103
R. 67	1	68						
P. 435	404	839	840	839	469	156	625	214
R. 1	.....	1						
P. 8,584	8,424	17,008	1,584	17,008	12,384	2,390	14,735	2,256
R. 398	18	416						
P. 472	448	920	930	920	721	152	874	46
R. 10	.....	10						
P. 11,633	11,401	23,034	1,570	23,035	16,127	3,773	19,990	3,025
R. 491	21	512						

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
26	BOMBAY CITY	---	...	...	96·69	...
		25,145	...	25,145	...	...
	CENTRAL REGISTRATION DISTRICT.					
	AHMEDNAGAR COLLECTORATE—					
27	Ahmednagar Town (Municipal)	1,282	496	527	99·92	65·70
28	Ahmednagar Cantonment	618	616	1	100·00	99·84
29	Sangamner Town (Local Fund)	2	1	1	100·00	100·00
30	In the 12 Rural circles (Local Fund) ...	414	298	107	99·43	97·07
	Total ...	2,316	1,411	635	99·94	83·94
	POONA COLLECTORATE—					
31	Poona City (Municipal)	1,259	225	376	99·95	25·48
32	Poona and Kirkee Cantonments ...	4,332	925	782	99·72	26·06
33	Junnar Town (Local Fund)	67	52	15	99·44	100·00
34	Baramati do. (do.)	7	7	...	100·00	100·00
35	Khed do. (do.)	12	10	2	100·00	100·00
36	Lonavla do. (do.)	16	6	6	98·32	60·00
37	In the 11 Rural circles. Local Fund ...	739	575	82	99·97	77·81
	In the 11 Rural circles. Municipal ...	1,606	696	193	100·00	49·21
	Total ...	8,038	2,496	1,456	99·95	37·92
	SHOLAPUR COLLECTORATE—					
38	Sholapur Town (Municipal)	17	5	12	99·93	100·00
39	Barsi do. (do.)	68	15	32	99·89	41·67
40	Pandharpur do. (do.)	1	...	1	100·00	...
41	In the 7 Rural circles Local Fund ...	416	152	150	99·88	57·14
	In the 7 Rural circles Municipal ...	10	2	4	100·00	33·33
	Total ...	512	174	199	96·25	55·59

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
0						
...	16·70	...	14,375	12·22	421	·36
14·58	...	100·				
49·24	2·73	41·11	679	19·76	14	·41
21·84	·00	·16	458	...	...	...
21·60	4·86	50·00	258	20·25	7	·55
28·85	15·19	25·85	19,886	29·12	71	·10
30·61	15·63	27·42	21,281	28·72	92	·12
3·60	10·27	29·86	2,659	19·96	126	·95
48·64	9·97	18·05	1,223	29·81	6	·15
31·30	8·75	22·39	282	38·21	2	·03
29·65	11·51	...	331	27·80	1	·08
9·69	25·64	16·67	78	11·12	...	...
28·72	1·85	37·50	200	31·56	5	·79
27·30	12·84	26·12	19,299	24·38	75	0·9
	4·26	12·02				
28·44	12·17	18·08	24,072	24·11	215	·22
23·65	12·59	70·59	3,331	27·91	121	·01
43·17	9·88	47·06	550	24·92	8	·36
24·79	25·51	100·00	541	21·46	16	·63
27·40	13·27	36·06	15,959	27·73	60	·10
	5·00	40·50				
27·16	13·14	38·87	20,331	27·46	205	·28

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 192 .	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	CENTRAL REGISTRATION DISTRICT—*contd.*			
	SATARA COLLECTORATE—			
42	Satara Town (Municipal)	20,045	7,485	1
43	Wai do. (Local Fund)	10,211	4,266	.....
44	Karad do. (do.)	10,243	6,381	.....
45	Ashta do. (do.)	9,021	.....	.....
46	Islampur do. (do.)	7,916	.....	.....
47	In the 14 Rural circles. { Local Fund ... / Municipal ... }	967,974	213	.....
	Total ...	1,025,410	209	20
	RATNAGIRI DISTRICT—			
48	Ratnagiri Town (Local Fund)	14,600	2,643	...
49	Chiplun do. (do.)	11,085	...	...
50	Malwan do. (do.)	22,215	...	...
51	Vengurla do. (do.)	19,126	5,764	...
52	In the 11 Rural circles (Local Fund) ...	1,128,270	286	21
	Total ...	1,195,216	289	21
	TOTAL BY ESTABLISHMENT IN CENTRAL REGISTRATION DISTRICT—			
	Local Fund	4,201,029	185	83
	Municipal	449,467	7,979	8
	Cantonment	52,009	2,752	2
	Grand Total ...	4,702,505	...	93

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Male.	Female.	Total.						
P. 357	343	700	710	700	454	187	651	47
R. 8	2	10						
P. 228	211	439	468	439	302	119	428	8
R. 17	12	29						
P. 148	151	299	303	299	198	62	273	25
R. 2	2	4						
P. 82	80	162	162	162	135	14	151	11
R. ...	.....	...						
P. 140	116	256	256	256	207	22	230	26
R. ...	.....	...						
P. 15,101	14,698	29,799	1,584	29,799	25,253	2,489	27,918	1,837
R. 274	27	301						
P. 21	12	33	33	33	25	8	33	...
R. ...	.....	...						
P. 16,077	15,611	31,688	1,602	31,688	26,574	2,901	29,684	1,974
R. 301	43	344						
P. 145	133	278	306	278	141	101	259	19
R. 26	2	28						
P. 77	69	146	146	146	101	30	135	11
R. ...	...	...						
P. 188	202	390	390	390	250	120	379	11
R. ...	...	...						
P. 163	121	284	331	284	144	119	270	14
R. 31	16	47						
P. 17,298	16,521	33,819	1,623	33,819	25,146	6,265	31,825	1,988
B. 145	120	265						
P. 17,871	17,046	34,917	1,679	34,917	25,782	6,635	32,868	2,043
R. 202	138	340						
P. 65,718	64,012	129,730	1,590	129,730	98,868	17,231	116,923	12,734
R. 1,690	457	2,347						
P. 6,604	6,448	13,052	1,913	13,052	8,254	2,959	11,324	1,722
R. 2,329	1,924	4,253						
P. 674	713	1,387	3,269	1,387	1,043	386	1,465	119
R. 3,335	1,615	4,950						
P. 73,196	71,173	144,369	1,677	144,369	108,165	20,576	129,708	14,575
R. 7,554	3,996	11,550						

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	CENTRAL REGISTRATION DISTRICT—*contd.*					
	SATARA COLLECTORATE—					
42	Satara Town (Municipal)	10	3	6	99·69	75·00
43	Wai do. (Local Fund)	29	6	4	99·30	24·00
44	Karad do. (do.)	4	1	1	99·63	33·33
45	Ashta do. (do.)	...	...	...	100·00	...
46	Islampur do. (do.)	...	...	...	100·00	...
47	In the 14 Rural circles. { Local Fund ...	301	168	75	99·91	69·91
	{ Municipal ...	...	...	...	100·00	...
	Total ...	344	168	86	99·78	65·12
	RATNAGIRI DISTRICT—					
48	Ratnagiri Town (Local Fund)	28	27	1	100·00	100·00
49	Chiplun do. (do.)	...	...	...	100·00	...
50	Malwan do. (do.)	...	...	...	100·00	...
51	Vengurla do. (do.)	47	23	2	100·00	51·11
52	In the 11 Rural circles (Local Fund) ...	266	185	53	99·98	87·32
	Total ...	340	235	75	99·98	88·72
	TOTAL BY ESTABLISHMENT IN CENTRAL REGISTRATION DISTRICT—					
	Local Fund	2,347	1,501	517	99·94	83·02
	Municipal	4,253	1,442	1,151	99·94	46·50
	Cantonment	4,950	1,541	788	99·52	36·98
	Grand Total ...	11,550	4,484	2,451	99·93	49·28

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
32·63	6·71	60·00	549	27·38	10	·50
42·50	1·82	13·79	304	29·77	1	·10
26·76	8·36	25·00	53	24·70	...	...
16·74	6·79	...	189	20·95	...	...
21·05	10·16	...	251	31·71	...	...
29·04	6·23	24·92	27,388	28·29	58	
29·08	6·23	25·00	28,934	28·22	69	·07
19·59	6·83	35·71	487	33·36	8	·55
12·27	7·53	...	222	20·17	3	·27
17·06	2·82	...	664	29·89	...	...
28·93	4·92	42·55	295	15·42	4	·21
28·37	5·88	19·62	28,873	25·59	123	·11
27·69	5·85	21·76	30,540	25·55	138	·12
28·19	9·82	22·03	112,819	26·86	441	·10
28·40	13·12	27·09	10,838	24·11	433	·96
57·72	7·51	15·82	1,496	25·76	12	·23
28·54	11·10	21·22	125,153	26·61	886	·19

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 192 .	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SOUTHERN REGISTRATION DISTRICT—			
	BELGAUM COLLECTORATE—			
53	Gokak Town	9,989	18.184	...
54	Athni do.	13,538	15,052	...
55	Belgaum do.	36,219	69,691	1
56	Do. Cantonment	6,889	3,369	
57	In the 8 Rural circles (Local Fund) ...	883,101	190	17
	Total ...	949,736	4,611	18
	DHARWAR COLLECTORATE—			
58	Dharwar Town	34,227	25,839	1
59	Hubli do.	69,140	52,067	1
60	Gadag Betigeri do.	41,158	108,675	1
61	Ranibennur do.	13,930	29,543	19
62	In the 13 Rural circles (Local Fund) ...	877,654	194	
	Total ...	1,036,209	4,606	22
	BIJAPUR COLLECTORATE—			
63	Bijapur Town	32 471	129	1
64	Bagalkot do.	19,471	393	1
65	In the 8 Rural circles (Local Fund) ...	744,414	42	15
	Total ...	796,356	5,707	17

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
P. 194	201	395	...	395	287	91	379	16
R. 203	...	203						
P. 195	195	390	...	390	348	39	388	...
R. 107	46	153						
P. 698	696	1,394	1.861	1,394	1,120	237	1,371	23
R. 24	5	29						
P. 147	156	303		303	237	61	302	1
R. 37	98	135						
P. 14,695	14,138	28,833	2,109	28,833	24,092	4,357	28,644	174
R. 6,728	294	7,022						
P. 15,929	15,386	31,315	2,169	31,315	26,084	4,785	31,084	214
R. 7,099	443	7,542						
P. 553	547	1,100	1.591	1,100	846	247	1,100	...
R. 477	14	491						
P. 1,257	1,317	2,574	2.925	2,574	2,103	448	2,560	12
R. 279	72	351						
P. 718	674	1,392	1.989	1,392	1,131	222	1,358	34
R. 476	121	597						
P. 214	238	452	1.814	452	301	140	449	2
R. 61	3	64						
P. 12,707	12,223	24,930		24,930	18,648	5,608	24,456	463
R. 8,490	523	9,013						
P. 15,449	14,999	30,448	1.862	30,448	23,029	6,660	29,923	511
R. 9,783	733	10,516						
P. 564	501	1,065	1.967	1,065	757	276	1,060	5
R. 779	123	902						
P. 421	357	778	1.033	778	431	173	611	167
R. 239	16	255						
P. 12,766	12,270	25,036	2.310	25,036	19,309	4,951	24,445	585
R. 11,238	1,373	12,611						
P. 13,751	13,128	26,879	2.391	26,879	20,497	5,400	26,116	757
R. 12,256	1,512	13,768						

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SOUTHERN REGISTRATION DISTRICT—					
	BELGAUM COLLECTORATE—					
53	Gokak Town	203	69	35	100·00	41·07
54	Athani do.	153	22	54	99·49	22·22
55	Belgaum do.	29	6	12	100·00	35·29
56	Do. Cantonment	135	45	23	100·00	40·17
57	In the 8 Rural circles (Local Fund) ...	7,022	1,953	1,355	99·95	29·29
	Total ...	7,542	2,095	1,479	99·95	34·55
	DHARWAR COLLECTORATE—					
58	Dharwar Town	491	349	11	100·00	72·71
59	Hubli do.	351	78	173	99·92	43·82
60	Gadag Betigeri do.	597	255	116	100·00	53·01
61	Ranibennur do.	64	17	15	99·78	36·17
62	In the 13 Rural circles (Local Fund) ...	9,013	1,562	2,190	99·95	22·89
	Total ...	10,516	2,261	2,505	99·95	28·22
	BIJAPUR COLLECTORATE—					
63	Bijapur Town	902	249	103	100·00	33·28
64	Bagalkot do.	255	41	35	100·00	18·64
65	In the 8 Rural circles (Local Fund) ...	12,611	3,767	4,030	99·98	43·89
	Total ...	13,768	4,057	4,168	99·98	42·26

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000
18	19	20	21	22	23	24
44·88	4·05	17·24	317	31·73	...	...
30·28	...	35·29	416	30·73	1	·07
37·96	1·65	41·38	1,349	37·25	10	·28
60·37	·33	17·04	395	57·34	1	·15
34·58	·60	19·30	29,168	33·03	108	·12
34·98	·68	19·61	31,645	33·32	120	·13
42·21	...	2·24	1,298	37·81	5	·15
38·15	·47	49·29	2,433	35·20	2	·03
39·19	2·44	19·43	1,389	33·75	4	·09
13·45	·44	23·44	468	33·51	...	...
29·64	1·86	24·30	24,982	28·46	136	·15
31·06	1·68	23·82	30,570	29·50	147	·14
40·31	·47	11·42	1,219	37·54	4	·12
38·49	21·49	13·78	601	30·87	8	·15
37·90	2·34	31·96	26,368	35·42	91	·12
37·89	2·81	30·27	28,188	35·40	98	·12

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STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 192 .	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SOUTHERN REGISTRATION DISTRICT—*concluded.*			
	KANARA COLLECTORATE—			
66	Karwar Town	14,463	1,533	1
67	Kumatha (Local Fund)	14,291	1,407	15
68	In the 11 Rural circles (Local fund) ...	3,72,722	102	
	Total ...	401,476	3,946	16
	BIJAPUR AGENCY—			
69	Jath and Daflapur	82,654	84	2
	DHARWAR AGENCY—			
70	Savanur State	16,530	240	1
	TOTAL BY ESTABLISHMENT IN THE SOUTHERN REGISTRATION DISTRICT—			
	Municipal	277,665	...	7
	Local Funds	2,906,112	...	66
	Native States	99,484	...	3
	Grand Total ...	3,283,261	...	76
	GUJURAT REGISTRATION DISTRICT.			
	SURAT COLLECTORATE—			
71	Surat City (Municipality)	117,434	39,144	2
72	Rander Town (Local Fund)	10,547	19,531·48	...
73	Bulsar do. (do.)	19,822	7,928·80	...
74	In the 9 Rural circles (Local Fund) ...	526,546	320·10	11
	Total ...	674,351	408	13

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under One year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
P. 221	168	389	695	389	89	295	389	...
R. 216	90	306						
P. 460	117	597	1,170	597	29	320	597	...
R. 143	7	150						
P. 6,668	5,090	11,758		11,758	4,490	5,348	11,669	50
R. 3,547	1,503	5,050						
P. 7,369	5,375	12,744	1,141	12,744	4,608	5,963	12,655	50
R. 3,906	1,600	5,506						
P. 1,197	1,202	2,399	1,832	2,399	1,631	762	2,393	6
R. 984	232	1,266						
P. 399	415	814	934	814	614	140	785	29
R. 101	19	120						
P. 4,968	4,812	9,780	1,886	9,780	7,349	2,084	9,518	258
R. 2,837	585	3,422						
P. 47,530	44,076	91,606	1,902	91,606	66,869	20,724	90,260	1,274
R. 30,207	3,703	33,910						
P. 1,596	1,617	3,213	1,533	3,213	2,245	902	3,178	35
R. 1,045	341	1,386						
P. 54,094	50,505	104,599	1,886	104,599	76,463	23,710	102,956	1,567
R. 34,129	4,589	38,718						
P. 1,932	1,871	3,803	1,925	3,803	2,806	800	3,622	180
R. 28	20	48						
P. 186	131	317	330	317	121	118	255	62
R. 10	3	13						
P. 235	201	437	467	437	250	151	404	33
R. 22	8	30						
P. 7,574	7,473	15,047	1,475	15,047	9,853	3,493	13,407	1,621
R. 913	262	1,175						
P. 9,928	9,676	19,604	1,605	19,604	13,030	4,562	17,688	1,896
R. 973	293	1,266						

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STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SOUTHERN REGISTRATION DISTRICT—*concluded.*					
	KANARA COLLECTORATE—					
66	Karwar Town	306	77	112	100·00	39·69
67	Kumatha (Local Fund)	150	149	...	100·00	99·33
68	In the 11 Rural circles (Local Fund) ...	5,050	2,188	1,716	99·67	65·63
	Total ...	5,506	2,414	1,828	99·69	65·63
	BIJAPUR AGENCY—					
69	Jath and Daflapur	1,266	430	350	100·00	46·94
	DHARWAR AGENCY—					
70	Savanur State	120	61	45	100·00	81·33
	TOTAL BY ESTABLISHMENT IN THE SOUTHERN REGISTRATION DISTRICT—					
	Municipal	3,423	1,191	674	99·96	43·71
	Local Funds	33,910	9,636	9,306	99·92	39·16
	Native States	1,386	491	395	100·00	49·55
	Grand Total ...	38,718	11,318	10,375	99·93	39·93
	GUJURAT REGISTRATION DISTRICT.					
	SURAT COLLECTORATE—					
71	Surat City (Municipality)	48	17	8	99·97	42·50
72	Rander Town (Local Fund)	13	3	1	100·00	25·00
73	Bulsar do. (do.)	30	16	1	100·00	62·07
74	In 9 Rural circles (Local Fund)	1,175	213	434	99·86	28·74
	Total ...	1,266	251	444	99·89	30·54

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000	Number	Ratio per 1,000.
18	19	20	21	22	23	24
32·22	...	36·60	590	40·79	1	·07
52·20	...	...	721	50·45	10	·70
37·18	·42	33·98	13,291	35·66	218	·58
37·53	·39	33·20	14,602	36·37	229	·57
34·15	·25	27·65	2,538	30·71	...	...
50·27	3·56	37·50	833	49·49	...	...
38·56	2·64	19·70	10,007	36·04	73	·26
34·37	1·28	27·44	94,997	32·69	901	·31
36·88	1·09	28·49	3,371	33·88	...	...
34·81	1·49	26·79	1,08,375	33·01	974	·21
30·99	4·73	16·67	3,044	25·92	43	·37
24·46	19·56	7·69	196	18·58	...	...
21·29	7·55	3·33	398	20·03	1	·05
29·51	10·77	36·94	13,703	26·03	22	·04
26·60	9·67	35·07	17,341	25·72	66	·04

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	GUJERAT REGISTRATION DISTRICT—*continued.*			
	BROACH COLLECTORATE—			
75	Broach City (Municipality)	42,648	25,385·71	1
76	Jambusar Town (Local Fund)... ...	10,217	18,916·66	...
77	Ankleshwar do. (do.)... ...	11,762	3,078·53	...
78	In the 6 Rural circles (Local Fund) ...	243,118	166·29	5
	Total ...	307,745	210	6
	KAIRA COLLECTORATE—			
79	Kaira Town (Local Fund)	8,277	29,560·71	...
80	Mehmedabad (Local Fund)	6,238	51,983·33	...
81	Nadiad Town (Municipality)	31,939	91,784·84	1
82	Borsad do. (Local Fund)	12,116	63,768·42	...
83	Anand do. (do.)	11,054	10,732·04	...
84	Umreth do. (do.)	14,024	1,811·88	...
85	Dakore (Local Fund)	7,990	133,612	...
86	Kapadvanj Town (Local Fund)	14,794	64,321·73	...
87	In the 7 Rural circles (do.)	604,550	382·60	10
	Total ...	710,982	445	11
	PANCH MAHALS COLLECTORATE—			
88	Godhra Town (Local Fund)	26,979	158,700·00	...
89	Dohad do. (do.)	16,076	94,564·71	...
90	In the 5 Rural circles (Local Fund) ...	331,805	...	7
	Total ...	374,860	233	7

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 679	690	1,369	1,400	1,369	855	314	1,183	181
R. 13	18	31						
P. 171	141	312	312	312	227	69	296	16
R. ...	...	...						
P. 199	186	385	436	385	244	82	326	59
R. 3	48	51						
P. 3,507	3,510	7,017	1,453	7,018	5,082	1,183	6,280	720
R. 221	29	250						
P. 4,556	4,527	9,083	1,569	9,084	6,408	1,648	8,085	976
R. 237	95	332						
P. 147	129	276	375	276	181	71	252	24
R. 87	12	99						
P. 110	77	187	187	187	137	41	178	9
R. ...	...	...						
P. 531	438	969	1,196	969	659	176	835	128
R. 194	33	227						
P. 226	210	436	437	436	340	50	393	42
R. 1	...	1						
P. 203	182	385	593	385	270	89	361	23
R. 98	110	208						
P. 226	196	422	441	422	314	108	422	...
R. 19	...	19						
P. 13	5	18	18	18	14	4	18	...
R. ...	...	...						
P. 267	276	543	600	543	449	61	510	31
R. 46	11	57						
P. 9,436	8,317	17,753	1,806	17,756	14,219	2,510	16,748	909
R. 227	82	309						
P. 11,159	9,830	20,989	1,991	20,992	16,583	3,105	19,717	1,166
R. 672	248	920						
P. 417	383	800	1,127	802	533	122	665	134
R. 58	269	327						
P. 144	167	311	354	311	187	82	270	41
R. 40	3	43						
P. 5,572	5,214	10,786	1,575	10,789	8,134	1,573	9,723	1,014
R. 181	61	242						
P. 6,133	5,764	11,897	1,787	11,902	8,854	1,777	10,658	1,189
R. 279	333	612						

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STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	GUJERAT REGISTRATION DISTRICT—*continued.*					
	BROACH COLLECTORATE—					
75	Broach City (Municipality)	31	7	2	99·58	24·14
76	Jambusar Town (Local Fund)... ...	...	...	...	100·00	·00
77	Ankleshwar do. (do.)... ...	51	11	5	106·00	23·91
78	In the 6 Rural circles (Local Fund) ...	251	73	102	99·87	48·99
	Total ...	333	91	109	99·73	40·62
	KAIRA COLLECTORATE—					
79	Kaira Town (Local Fund)	99	33	34	100·00	50·77
80	Mehmedabad (do.)	...	...	...	100·00	·00
81	Nadiad Town (Municipality)	227	72	35	99·28	37·50
82	Borsad do. (Local Fund)	1	1	...	99·74	100·00
83	Anand do. (do.)	208	60	19	99·72	71·75
84	Umreth (do.)	19	10	3	100·00	62·50
85	Dakore (Local Fund)	...	...	...	100·00	·00
86	Kapadvanj Town (Local Fund)	57	14	18	98·46	35·60
87	In the 7 Rural circles (Local Fund) ...	309	88	55	99·41	34·65
	Total ...	920	278	164	99·45	36·77
	PANCH MAHALS COLLECTORATE—					
88	Godhra Town (Local Fund)	329	46	56	99·55	16·85
89	Dohad do. (do.)	43	6	9	100·00	17·65
90	In the 5 Rural circles (Local Fund) ...	242	50	47	99·49	25·64
	Total ...	614	102	112	99·49	20·32

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000
18	19	20	21	22	23	24
27·89	13·21	6·45	989	23·19	...	...
28·97	5·13	·00	309	30·24	...	...
28·65	15·32	9·80	295	25·06	...	...
26·13	10·26	40·63	6,174	25·12	13	·05
26·57	10·74	32·73	7,767	25·24	13	·04
34·43	8·70	34·34	161	19·45	...	...
28·53	4·81	·00	154	24·69	1	·16
28·40	13·23	15·42	798	24·99	11	·34
32·52	9·63	·00	390	32·19	...	·00
33·09	5·97	9·13	321	29·04	...	·00
30·80	·00	15·78	392	27·95	...	...
22·53	·00	·00	149	18·65	1	·13
35·42	5·71	31·58	372	25·15	...	·00
27·85	5·12	17·80	16,182	26·77	30	·05
28·12	5·55	17·82	18,919	26·72	43	·06
26·35	16·71	17·02	906	33·58	5	·19
17·17	13·18	20·93	286	17·79	2	·12
29·45	9·40	19·42	9,712	29·27	18	·05
28·70	9·99	18·24	10,904	29·09	25	·07

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	GUJERAT REGISTRATION DISTRICT—*continued.*			
	AHMEDABAD COLLECTORATE—			
91	Ahmedabad City (Municipality)... ...	270,775	41,657·69	4
92	Dhandhuka Town (Local Fund)... ...	8,056	40,280·00	...
93	Viramgam do. (do.)... ...	26,262	43,052·46	...
94	Dholka do. (do.)... ...	12,513	16,684·00	...
95	Ahmedabad Cantonment	3,232	1,103·07	...
96	In the 8 Rural circles (Local Fund) ...	570,073	149·51	12
	Total ...	890,911	233	16
	NATIVE STATES—			
97	Rewa Kantha State	753,058	152	16
98	Mahi Kantha Agency	224,127	138	4
99	Bansda State	40,125	187	1
100	Sachin (Local Fund)	19,977	476	...
101	Dangs (do.)	24,381	25	1
102	Jambughoda (Local Fund)	9,540	65·20	...
	TOTAL BY ESTABLISHMENTS IN THE GUJARAT REGISTRATION DISTRICT.			
	Municipal	679,523	59,037·62	8
	Local Fund	2,330,092	205·99	46
	Native States	1,017,310	150	21
	Cantonment	3,232	1,103·07	...
	Total ...	4,030,157	222	75

ROYAL ASIATIC SOCIETY LIBRARY OF THE BOMBAY BRANCH OF THE

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 4,496	4,288	8,784	2,243	8,745	7,323	955	8,281	497
R. 99	88	187						
P. 158	146	304	322	304	184	87	273	30
R. 17	1	18						
P. 376	347	723	833	723	479	141	620	103
R. 74	36	110						
P. 219	246	465	529	465	362	42	404	59
R. 62	2	64						
P. 32	40	72	77	72	51	15	66	...
R. 3	2	5						
P. 8,499	7,897	16,396	1,433	16,402	12,215	2,176	14,432	1,841
R. 527	273	800						
P. 13,780	12,964	26,744	1,745	26,751	20,614	3,416	24,076	2,530
R. 782	402	1,184						
P. 11,966	11,348	23,314	1,537	23,323	18,376	3,018	21,456	1,791
R. 880	393	1,273						
P. 2,865	2,651	5,516	1,410	5,516	4,267	712	4,923	517
R. 91	33	124						
P. 718	778	1,496	1,502	1,496	1,059	289	1,349	147
R. 3	3	6						
P. 279	312	591	671	591	339	131	472	119
R. 67	13	80						
P. 489	502	991	1,052	991	283	598	888	103
R. 41	20	61						
P. 194	199	393	408	393	301	51	354	37
R. 7	8	15						
P. 7,638	7,287	14,925	1,927	14,926	11,643	2,345	13,921	986
R. 334	159	493						
P. 38,848	36,447	75,295	1,723	75,310	54,718	13,028	67,951	7,030
R. 2,721	1,251	3,972						
P. 15,549	14,777	30,326	1,511	30,335	23,702	4,019	27,798	2,455
R. 974	429	1,403						
P. 32	40	72	77	72	51	15	66	...
R. 3	2	5						
P. 62,067	58,551	120,618	1,687	120,643	90,114	19,307	109,736	10,471
R. 4,032	1,841	5,873						

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	GUJERAT REGISTRATION DISTRICT—*continued.*					
	AHMEDABAD COLLECTORATE—					
91	Ahmedabad City (Municipality)... ...	187	29	100	99·91	33·33
92	Dhandhuka Town (Local Fund)... ...	18	4	7	99·63	36·36
93	Viramgam do. (do.)... ...	110	44	38	100·00	61·11
94	Dholka do. (do.)... ...	64	18	10	100·00	33·33
95	Ahmedabad Cantonment	5	4	...	91·67	80·00
96	In the 8 Rural circles (Local Fund) ...	800	274	206	99·11	46·13
	Total ...	1,184	373	361	99·40	45·32
	NATIVE STATES—					
97	Rewa Kantha State	1,273	396	426	99·65	46·75
98	Mahi Kantha Agency	124	64	28	99·87	66·66
99	Bansda State	6	...	...	100·00	·00
100	Sachin (Local Fund)	80	4	70	100·00	40·00
101	Dangs (do.)	61	26	28	100·00	78·79
102	Jambughoda (Local Fund)	15	4	6	99·44	44·44
	TOTAL BY ESTABLISHMENTS IN THE GUJERAT REGISTRATION DISTRICT.					
	Municipal	498	125	145	99·86	35·92
	Local Fund	3,975	1,000	1,149	86·80	35·39
	Native State	1,403	460	454	99·71	48·47
	Cantonment	5	4	...	91·67	80·00
	Total ...	5,876	1,589	1,748	99·60	38·39

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
30·69	5·65	53·48	6,686	24·69	37	·13
34·38	9·87	38·89	154	19·12	...	...
25·28	14·24	34·55	509	19·38	10	·38
33·72	12·69	15·62	346	34·84	...	...
21·66	·00	·00	35	10 83	...	...
25·80	11·22	25·75	15,548	27·27	26	·05
27·44	9·46	30·49	23,368	26·23	73	·08
29·02	7·68	33·46	21,333	28·32	...	...
22·56	9·37	22·58	4,864	21·70	...	...
33·62	9·83	·00	1,151	28·68	...	...
23·83	20·14	87·50	491	24·57	...	...
37·34	10·39	45·90	674	27·53	...	...
37·53	9·41	40·00	306	32·08	...	...
20·67	6·60	29·41	11,517	16·95	91	·13
29·59	9·33	28·91	68,218	29·28	129	·06
27·78	8·09	32·35	27,338	26·87	...	...
21·66	·00	·00	35	10·83	...	...
27·62	8·68	29·75	107,108	26·58	220	·05

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 192 .	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	THE SIND REGISTRATION DISTRICT.			
	KARACHI COLLECTORATE—			
103	Karachi Town	216,883	2,363	2
134	Tatta do.	8,470	...	1
105	In the 11 Rural circles (Local Fund) ...	316,712	48	11
	Total ...	542,065	47	14
	HYDERABAD COLLECTORATE—			
106	Hyderabad Town	73,951	4,167	1
107	Do. Cantonment	7,887		1 S.A.S.
108	In the 7 Rural circles (Local Fund) ...	491,612	111	10
	Total ...	573,450	128	11 S.A.S.
	NAWABSHAH COLLECTORATE—			
109	In the 7 Rural circle (Local Fund) ...	418,660	107	9
	Total ...	418,660	107	9
	THAR AND PARKAR COLLECTORATE—			
110	Umarkote Town	4,199	...	...
111	In the 11 Rural circles (Local Fund) ...	392,132	29	12
	Total ...	396,331	29	12
	LARKANA COLLECTORATE—			
112	Larkana Town	17,723	8,023	1
113	In the 11 Rural circles (Local Fund) ...	580,237	115	11
	Total ...	597,960	118	12

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 3,783	3,531	7,314	8,316	7,825	5,437	1,101	6,859	442
R. 7,504	1,815	9,319						
P. 76	83	159	159	159	73	82	158	1
R. ...	...	...						
P. 4,077	3,778	7,855	738	7,855	3,703	3,482	7,488	367
R. 193	71	264						
P. 7,936	7,392	15,328	1,779	15,339	9,213	4,665	14,505	810
R. 7,697	1,886	9,583						
P. 1,813	1,402	3,015	3,370	3,015	1,401	1,526	2,966	47
R. 282	73	355						
P. 141	119	260	603	260	96	148	257	1
R. 189	154	343						
P. 5,696	5,028	10,724	1,085	10,724	6,640	3,720	10,458	265
R. 102	21	123						
P. 7,450	6,549	13,999	1,235	13,999	8,137	5,394	13,681	312
R. 573	248	821						
P. 6,256	5,704	11,960	1,354	11,967	7,898	3,360	11,379	567
R. 172	50	222						
P. 6,256	5,704	11,960	1,354	11,967	7,898	3,360	11,379	567
R. 172	50	222						
P. 89	93	182	...	182	117	63	182	...
R. 66	2	68						
P. 4,757	4,479	9,236	808	9,242	4,920	3,672	8,794	434
R. 197	62	209						
P. 4,846	4,572	9,418	808	9,424	5,037	3,735	8,976	434
R. 213	64	277						
1P. 255	235	490	496	491	205	234	442	46
R. 4	2	6						
11P. 7,936	7,376	15,312	1,418	15,317	10,565	4,004	14,784	512
R. 234	49	283						
12P. 8,191	7,611	15,802	1,341	15,802	10,770	4,238	15,226	558
R. 238	51	289						

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of Successfull cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Revaccination.
1	2	13	14	15	16	17
	THE SIND REGISTRATION DISTRICT.					
	KARACHI COLLECTORATE—					
103	Karachi Town	9,319	41	9,248	99·65	57·75
104	Tatta do.	...	...	...	100·00	...
105	In the 11 Rural circles (Local Fund) ...	264	92	66	100·00	46·46
	Total ...	9,583	133	9,319	99·83	78·70
	HYDERABAD COLLECTORATE—					
106	Hyderabad Town	355	57	166	89·95	30·16
107	Do. Cantonment	343	342	1	99·23	100·00
108	In the 7 Rural circles (Local Fund) ...	123	56	17	99·99	52·83
	Total ...	821	455	184	99·96	27·58
	NAWABSHAH COLLECTORATE—					
109	In the 7 Rural circles (Local Fund) ...	222	52	34	99·81	27·66
	Total ...	222	52	34	99·81	27·66
	THAR AND PARKAR COLLECTORATE—					
110	Umarkote Town	68	7	38	1·00	23·33
111	In the 11 Rural circles (Local Fund) ...	209	40	77	99·84	26·32
	Total ...	277	47	95	99·84	25·82
	LARKANA COLLECTORATE—					
112	Larkana Town	6	4	2	99·33	100·00
113	In the 11 Rural circles (Local Fund) ...	283	101	89	99·86	52·06
	Total ...	289	105	91	99·84	53·08

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
31·81	6·04	99·24	6,688	44·03	133	·88
18·65	6·29	...	103	9·22	4	·36
39·96	4·67	25·00	6,383	17·80	53	·15
27·00	5·28	97·19	13,174	25·25	190	·36
40·88	1·56	46·76	1,908	25·12	73	·96
75·95	·38	·29				
21·39	2·47	1·38	8,920	16·64	38	·07
24·65	2·33	22·41	10,828	17·69	110	·18
27·30	4·74	15·31	9,815	21·89	60	·13
27·30	4·74	15·31	9,815	21·89	60	·13
45·01	...	55·88	101	25·38	3	·75
22·53	4·70	2·73	9,349	21·77	53	·12
22·77	4·61	34·29	9,450	21·80	56	·13
5·42	9·99	33·33	437	27·15	7	·43
25·65	3·34	31·45	12,651	19·62	136	·21
35·64	3·53	31·50	13,091	19·81	144	·22

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 192 .	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SIND REGISTRATION DISTRICT—*concluded.*			
	SUKKUR COLLECTORATE—			
114	Sukkur Town	42,759	11,638	1
115	Shikarpur do.	55,503	5,994	1
116	Rohri do.	11,378	...	1
117	In the 8 Rural circles (Local Fund) ...	400,652	71	8
	Total ...	510,292	91	11
	UPPER SIND FRONTIER—			
118	Jacobabad Town	10,583	...	1
119	In the 5 Rural circles (Local Fund) ...	230,036	86	5
	Total ...	240,619	90	6
	NATIVE STATE—			
120	Khairpur State	193,131	...	6
	Total by Establishment ...	...	...	...
	TOTAL BY ESTABLISHMENTS IN THE SIND REGISTRATION DISTRICT—			
	Municipal ...	441,449	3,761	9
	Local Fund	2,880,041	61	66
	Native State	193,131	...	6
	Cantonments	7,887	...	1 S. A. S.
	Total ...	3,472,508	75	81 1 S. A. S.

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 483	478	961	970	961	723	170	893	68
R. 2	7	9						
P. 581	490	1,071	1,079	1,071	806	194	1,013	58
R. 2	6	8						
P. 157	149	306	308	306	174	125	300	6
R. 2	0	2						
P. 6,036	6,019	12,055	1,130	12,055	9,145	2,265	11,482	571
R. 296	83	379						
P. 7,257	7,136	14,393	1,345	14,393	10,848	2,754	13,688	703
R. 302	96	378						
P. 153	112	265	274	265	160	92	256	9
R. 8	1	9						
P. 3,960	3,383	7,343	1,534	7,345	4,692	2,319	7,200	142
R. 214	114	328						
P. 4,113	3,495	7,608	1,324	7,610	4,852	2,411	7,456	151
R. 232	115	337						
P. 3,036	2,371	4,397	903	5,398	4,065	1,157	5,264	128
R. 20	2	22						
P. 3,036	2,361	5,397	903	5,398	4,065	1,157	5,264	128
R. 20	2	22						
P. 7,101	6,480	13,581	2,588	13,593	8,979	3,524	12,887	677
R 7,804	1,904	9,708						
P. 38,807	35,860	74,667	1,156	74,687	47,680	22,885	71,767	2,858
R. 1,424	452	1,876						
P. 3,036	2,361	5,397	903	5,398	4,065	1,157	5,264	128
R. 20	2	22						
P. 141	119	260	603	260	96	148	257	1
R. 189	154	343						
P. 49,065	44,820	93,905	1,291	93,938	60,820	27,714	90,175	3,564
R. 9,437	2,512	11,949						

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SIND REGISTRATION DISTRICT—*concluded.*					
	SUKKUR COLLECTORATE—					
114	Sukkur Town	9	2	7	100·00	100·00
115	Shikarpur do.	8	...	...	100·00	100·00
116	Rohri do.	2	2	...	100·00	100·00
117	In the 8 Rural circles (Local Fund) ...	379	122	117	99·98	46·56
	Total ...	398	126	124	99·98	45·98
	UPPER SIND FRONTIER—					
118	Jacobabad Town	9	...	2	100·00	...
119	In the 5 Rural circles (Local Fund) ...	328	69	86	99·69	28·51
	Total ...	337	69	88	99·96	27·71
	NATIVE STATE—					
120	Khairpur State	22	11	11	99·88	100·00
	Total by Establishment ...	22	11	11	99·88	100·00
	TOTAL BY ESTABLISHMENTS IN THE SIND REGISTRATION DISTRICT.					
	Municipal	9,708	106	9,425	99·78	37·46
	Local Fund	1,876	539	504	99·91	39·28
	Native State	22	11	11	99·88	100·00
	Cantonment	343	342	1	99·23	100·00
	Total ...	11,949	998	9,941	99·89	49·70

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
20·88	7·08	77·77	959	17·78	5	·09
18·25	5·42	...	1,058	20·98	4	·11
26·36	1·96	...	228	21·20	2	·19
28·96	4·74	30·67	10,908	23·02	28	·06
26·82	4·88	31·15	13,152	22·92	42	·07
24·19	3·39	22·22	374	32·92	3	·26
31·59	1·93	26·23	6,210	24·68	23	·09
30·99	1·98	26·11	6,585	25·01	27	·10
27·25	2·18	50·00	5,004	22·41	...	...
27·25	2·18	50·00	5,004	22·41	...	...
29·43	4·98	97·08	11,760	32·09	251	·69
25·55	3·83	25·80	64,340	20·45	377	·12
27·25	2·18	50·00	5,004	22·41	...	...
75·95	·31	·25	...	...	...	...
26·25	3·90	83·11	81,103	21·70	628	·17

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 192 .	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	ADEN.			
	Aden (Municipal)	56,500	...	5
	TOTAL BY ESTABLISHMENTS.			
	Municipal	3,353,969	...	58
	Local Fund	15,995,425	129	340
	Cantonment	88,870	...	2
	Native States	1,374,499	...	32
	In the British Territory	19,438,264	...	400
	In the Native States	1,374,499	...	32
	Grand Total ...	20,812,763	...	432

Sum

	Total number of persons vaccinated.		Total number of operation performed.		Percentage of successful cases in which results were known.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
By Special Staff (Statement I)	631,188	103,059	631,261	103,062	99·74	42·95
By Dispensary Staff (Statement III ...	662	9,209	662	9,209	80·91	74·29
By other Agencies, if any ...	...	...	...	...	...	...
Total ...	631,850	112,268	631,923	112,271	99·72	47·81

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.			
				Total.	Successful.		Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 14,951	579	15,530	4,319	15,530	77	343	463	14,999
R. 5,700	366	6,066						
Males.	Females.	Total.						
P. 59,105	42,328	101,433	2,623	101,447	56,468	19,048	76,429	24,597
R. 39,093	10,709	50,702						
P. 248,740	237,571	486,311	1,559	486,360	343,269	93,332	441,967	43,446
R. 37,461	6,300	43,761						
P. 1,287	1,079	2,366	4,022	2,366	1,350	740	2,187	163
R. 3,946	1,833	5,779						
P. 21,266	19,812	41,078	1,372	41,088	31,514	6,575	38,267	2,732
R. 2,084	733	2,817						
P. 309,112	280,978	590,110	1,726	590,173	401,087	118,120	520,583	68,206
R. 81,400	18,842	100,242						
P. 21,266	19,812	41,078	1,372	41,088	31,514	6,575	38,267	2,732
R. 2,084	733	2,817						
P. 330,298	300,790	631,188	1,700	631,261	432,601	119,695	558,850	70,938
R. 83,484	19,575	103,059						

mary.

Average number of persons vaccinated by each Vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
Persons vaccinated by each vaccinator.	Vaccinators employed.	Under one year.	One and under six years.			
432	1,700	432,601	119,695	27·79	Rs. a. p. 6,18,352 8 8	Rs. a. p. 1 1 1
...	...	133	142	...	...	...
...	...	...	...	...	...	...
432	1,700	432,734	119,837	27·79	6,18,352 8 8	1 1 1

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	ADEN.					
	Aden (Municipal)	6,066	1	5,947	87·19	·84
	TOTAL BY ESTABLISHMENTS.					
	Municipal	50,709	3,474	43,075	99·45	15·55
	Local Fund	43,764	18,265	12,178	99·70	41·99
	Cantonment	5,770	1,968	1,154	99·27	42·65
	Native States	2,817	965	862	99·76	32·65
	In the British Territory	100,245	18,707	56,402	99·79	42·67
	In the Native States	2,817	965	862	99·76	32·65
	Grand Total ...	103,062	19,672	57,264	99·74	42·95

DIX I—*continued.*

No. I—*continued.*

Bombay Presidency during the year 1923-24.

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
8·21	96·58	98·04	598	10·68	10	·18
23·63	24·25	84·95	68,428	20·40	1,476	·44
28·46	8·03	27·81	423,128	26·45	2,774	·17
46·75	6·89	19·97	1,879	21·14	10	·11
28·54	6·65	30·59	68,714	49·99	...	...
27·74	11·55	56·26	493,435	25·88	4,261	·23
28·54	6·65	30·59	68,714	49·99	...	...
27·79	11·23	55·56	568,149	27·33	4,261	·20

A.—VACCINE

STATEMENT

Showing the cost of the Department in the Bombay

No.	Circles and Districts.	Expendi			
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.
	WESTERN REGISTRATION DISTRICT.		Rs. a. p.		Rs. a. p.
	Administrative Charges	1	13,040 4 0	8	8,719 8 0
1	E. Khándesh Collectorate	...	.....	.....	.....
2	W. Khándesh do.	...	.....	.....	.....
3	Násik do.	...	.....	.....	.....
4	Thána	...	.....	.....	.....
5	Bombay Suburban	...	.....	.....	.....
6	Kolába do.	...	.....	.....	.....
	Total ...	1	13,040 4 0	8	8,719 8 0
7	Bombay City	1	4,560 0 0	2	4,585 0 0
	CENTRAL REGISTRATION DISTRICT.				
	Administrative Charges	1	12,133 1 0	6	7,137 13 0
8	Ahmednagar Collectorate	...	.....	.....	.....
9	Poona do.	...	.....	.....	.....
10	Sholápur do.	...	.....	.....	.....
11	Sátára do.	...	.....	.....	.....
12	Ratnagíri do.	...	.....	.....	.....
	Total ...	1	12,133 1 0	6	7,137 13 0
	SOUTHERN REGISTRATION DISTRICT.				
	Administrative Charges	1	16,000 0 0	7	9,600 0 0
13	Belgaum Collectorate	...	.....	...	.....
14	Dhárwár do.	...	.....	...	.....
15	Bijápur do.	...	.....	...	.....
16	Kánara do.	...	.....	...	.....
	Total ...	1	16,000 0 0	7	9,600 0 0

DEPARTMENT.

No. II.

Presidency during the year 1923-24.

TURE.

Vaccinators.	Pay.	Clerks.	Pay.	Peons, etc.	Pay.	Total Pay of Establishment.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
...	.....	2	3,240 0 0	12	2,063 7 0	27,083 3 0
22	9,488 9 0	.....	.....	20	3,687 13 0	13,176 6 0
16	5,451 6 0	.....	.....	15	2,749 2 0	8,203 8 0
23	9,326 15 0	.....	.....	20	3,212 15 0	12,539 14 0
22	9,878 10 0	.....	.....	20	3,432 7 0	13,311 1 0
4	2,220 8 0	.....	.....	4	673 1 0	2,902 9 0
17	5,981 11 0	.....	.....	16	2,436 3 0	8,417 14 0
104	42,359 11 0	2	3,240 0 0	107	18,275 0 0	85,634 7 0
9	10,096 11 0	6	8,304 3 0	30	9,863 10 0	38,069 6 6
...	.....	2	3,240 0 0	10	1,772 13 0	24,303 11 0
19	8,345 3 0	.....	.....	19	2,774 8 7	11,119 11 7
20	8,840 11 0	.....	.....	20	3,594 8 6	12,435 3 6
16	6,672 13 9	.....	.....	15	2,401 10 0	9,334 7 9
22	9,099 12 0	.....	.....	20	3,255 5 8	12,355 1 8
22	8,818 2 0	.....	.....	21	3,730 12 0	12,548 14 0
90	41,976 9 9	2	3,240 0 0	105	17,609 9 9	82,097 1 6
...	.....	2	2,092 0 0	11	2,003 4 0	30,295 4 0
20	8,012 4 0	.....	.....	18	3,089 13 0	11,082 1 0
25	1,040 11 0	.....	.....	23	3,680 2 0	13,720 13 0
21	7,709 0 8	.....	.....	18	2,711 2 6	14,420 3 2
18	7,662 13 0	.....	.....	15	2,428 12 0	10,091 9 0
84	33,424 12 8	2	2,092 0 0	85	13,893 1 6	76,609 14 2

A.—VACCINE

STATEMENT

Showing the cost of the Department in Bombay

No.	Circles and Districts.	Travelling Allowances.	Contingencies.	Total Cost.	Imperial Funds.
	WESTERN REGISTRATION DISTRICT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Administrative Charges	8,938 4 0	1,527 8 0	37,708 15 0	.....
1	E. Khandesh Collectorate... ...	4,191 4 0	914 10 8	18,232 4 8	.....
2	W. Khandesh do, ...	3,494 6 0	704 6 7	11,402 4 7	.....
3	Nasik do.	3,720 14 0	982 11 4	17,213 7 4	.....
4	Thana do. ...	4,219 1 0	874 13 0	18,404 15 0	.....
5	Bombay Suburban do.	444 13 0	2.5 7 10	3,562 13 10	.....
6	Kolaba	2,244 13 0	733 3 3	11,405 14 3	.....
	Total ...	27,323 7 0	6,022 12 8	1,19,010 10 8	.....
7	Bombay City	1,633 13 0	8,624 11 7	*49,327 15 5	.....
	CENTRAL REGISTRATION DISTRICT.				
	Administrative Charges	6,900 11 0	1,074 14 0	32,279 4 0	.....
8	Ahmednagar Collectorate... ...	3,600 6 0	330 9 9	15,259 11 4	.....
9	Poona do.	4,130 1 0	472 15 3	17,038 3 9	.....
10	Sholapur do. ...	2,405 5 0	379 15 1	12,119 11 10	...
11	Satara do.	4,127 4 0	439 0 0	16,921 5 8	... ..
12	Ratnagiri do.	1,616 12 0	422 9 9	14 583 3 6	.. ...
	Total ...	22,989 7 0	3,119 15 7	1,08,2.6 8 1	.....
	SOUTHERN REGISTRATION DISTRICT.				
	Administrative Charges	6,8832 10 0	1,002 10 5	38,130 8 4	.....
13	Belgaum Collectorate	*3,379 6 0	624 5 3	15,085 12 3	.....
14	Dharwar do.	3,585 11 0	812 0 3	18,118 8 3	.....
15	Bijapur do, ...	2,960 1 0	925 0 0	13,701 10 8	.....
16	Kanara do.	767 15 0	631 0 6	11,475 10 0	.....
	Total ...	19,525 11 0	4,597 6 2	96,512 1 6	.....

DEPARTMENT.

No. II.

Presidency during the year 1923-24.

Paid from				Total.	Number of all successful Vaccinations and Re-vaccinations.	Average cost of each successful case.
Provincial Funds.	Local Funds.	Municipalities.	Native States.			
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
37,708 15 0	.....	.....	.....	37,708 15 0	...	.....
1,567 1 0	13,750 13 0	2,934 6 8	.....	18,252 4 8	28,332	0 10 4
634 0 0	9,469 11 0	1,573 14 3	674 11 4	12,402 4 7	16,698	0 11 11
1,832 14 0	13,213 1 0	1,883 15 7	168 8 0	17,243 7 4	25,141	0 11 0
1,649 13 0	14,635 5 10	1,320 9 7	802 2 7	18,404 15 0	21,389	0 13 9
120 8 0	1,564 10 10	1,878 3 0	.....	3,562 13 10	4,062	0 13 5
1,320 6 0	10,085 1 4	.....	.....	11,405 14 3	14,326	0 12 2
44,983 1 0	62,816 2 8	9,596 1 1	1,635 5 11	1,19,010 10 8	109,948	1 1 4
1,484 0 0	.....	47,843 15 5	.....	*49,327 15 5	17,149	2 14 0
17,113 1 0	.....	.....	.....	32,279 4 0	...	.....
1,928 11 0	12,678 4 0	752 11 10*	.....	15,259 11 4	22,684	0 10 9
1,460 1 0	12 721 5 3	2,856 13 6*	.....	17,038 3 9	28 393	0 9 7
1,326 9 0	8,055 1 0	2,738 1 10	.....	12,119 11 10	20,164	0 9 7
1,634 5 0	14,721 12 0	565 4 8	.....	16,921 5 8	29,8 2	0 9 1
1,348 3 0	13,240 0 6	.....	.....	14,588 3 6	33,103	0 7 1
39,877 1 0	61,416 7 3	6,912 15 10	.....	1,08,206 8 1	134,196	.....
38,054 8 4	.....	.....	85 0 0	38,130 8 4	...	.....
1,232 4 0	12,776 3 3	1,020 0 0	.....	15,085 12 3	33,179	0 7 3
1,445 1 0	14,069 14 6	2,190 15 0	412 9 9	18,118 8 3	23,030	0 8 9
1,365 4 0	14,307 12 4	1,176 0 0	852 10 4	13,701 10 8	33,724	0 6 5
2,109 4 0	8,623 8 0	742 15 0	.....	11,475 10 0	15,069	0 12 2
44,197 4 4	45,780 11 1	5,133 14 0	1,350 4 1	96,112 5 6	163,775	.....

STATEMENT

No.	Circles and Districts.	EXPENDI-			
		European Supervising Officers	Pay:	Inspectors of Sanitation and Vaccination	Pay.
	GUJARA'T REGISTRATION DISTRICT.		Rs. a. p.		Rs. a. p.
	Administrative Charges	1	11,766 14 0	5	6,943 10 0
16	Surat Collectorate	...	.....	.....	.....
17	Broach do.	...	.....	.....	.....
18	Kaira do.	...	.....	.....	.....
19	Panch Mahále do.	...	.....	.....	.....
20	Ahmedabad do.	...	.....	1	1,800 0 0
21	Mahi Kántha Agency	...	.....	1	720 0 0
22	Rewa Kántha do.	...	.....	.....	.....
	Total ...	1	11,766 14 0	7	9,463 10 0
	SIND REGISTRATION DISTRICT.				
	Administrative Charges	1	9,320 0 0	7	7,865 0 0
23	Karáchi Collectorate	...	.....	.....	.....
24	Hyderabad do.	...	.....	.....	.....
25	Nawabshah do.	...	.....	.....	.....
26	Thar and Párkar do.	...	.....	.....	.....
27	Lárkána do.	...	.....	.....	.....
28	Sukkur do.	...	.....	.....	.....
29	Jacobabad do.	...	.....	.....	.....
30	Khairpur (Native State)	...	.....	.....	.....
	Total ...	1	9,320 0 0	7	7,865 0 0
	VACCINE INSTITUTE.				
31	Belgaum	1	13,300 0 0	3	6,220 7 0
32	Aden	...	.....	.....	.....
	TOTAL OF PRESIDENCY	7	80,120 3 0	40	53,591 6 0

No. II.

TURE.

Vaccinators.	Pay.	Clerk.	Pay.	Peons, etc.	Pay.	Total Pay of Establishment.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
...	.....	2	2,911 6 0	9	1,595 2 0	23,207 0 0
16	5,922 9 11	.....	.....	15	2,410 1 0	8,332 10 11
7	2,980 7 0	.....	.....	6	975 15 0	3,956 6 6
12	4,990 8 0	.....	.....	11	1,901 0 0	6,891 8 0
8	3,039 12 0	.....	.....	7	1,235 2 0	4,274 14 0
18	7,158 11 0	1	284 2 0	18	3,001 5 0	12,244 2 0
4	1,424 13 0	.....	.....	5	823 11 0	2,968 8
17	4,649 15 3	.....	.....	16	1,854 10 11	6,504 10 2
82	30,166 12 2	3	3,195 8 0	87	13,796 14 11	68,379 11 1
...	.....	3	4,503 5 0	10	1,558 6 0	23,246 11 0
16	6,676 1 0	1	2,107 0 10	16	3,316 12 0	12,099 13 10
13	7,270 14 0	.....	.....	12	2,416 1 0	9,686 15 0
10	4,291 10 0	.....	.....	10	2,029 7 0	6,321 1 0
7	4,919 2 0	.....	.....	13	2,269 4 0	7,188 6 0
13	5,313 1 0	.....	.....	13	2,717 5 0	8,030 6 0
12	4,619 13 4	.....	.....	13	2,462 4 0	7,082 1 4
6	2,699 0 0	.....	.....	7	1,433 1 0	4,132 1 0
6	1,888 3 11	.....	.....	6	787 3 0	2,675 6 11
84	37,677 13 3	4	6,610 5 10	100	18,989 11 0	80,462 10 11
8	7,203 3 0	3	2,700 0 0	20	3,702 15 0	33,126 9 0
...	3,156 0 0	.....	.....	...	.....	3,156 0 0
470	2,06,661 3 10	22	30,042 0 10	535	96,121 1 2	4,66,535 14 10

STATEMENT

No.	Circles and District.	EXPENDI- Travelling Allowances.	Contingencies.	Total Cost.	Imperial Fund.
	GUJARAT REGISTRATION DISTRICT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Administrative Charges	6,233 11 8	1,856 13 9	31,297 2 5	.....
16	Surat Collectorate	2,296 7 7	668 11 0	11,300 13 6	...
17	Broach do.	1,011 13 0	247 14 3	5,216 1 3	.....
18	Kaira do.	1,871 13 0	474 13 6	9,238 2 6	.....
19	PanchMahas do.	1,268 12 0	315 15 0	5,859 9 0	.....
20	Ahmedabad do.	2,444 4 6	2,546 7 6	17,234 14 0	.....
21	Mahi Kantha Agency	669 9 6	192 3 5	3,830 4 11	.....
22	Rewa Kantha do.	160 14 0	289 7 0	6,954 15 2	.....
	Total ...	15,960 5 8	6,592 5 5	90,932 5 9	.....
	SIND REGISTRATION DISTRICT.				
	Administrative Charges	7,868 6 0	1,120 4 10	32,235 5 10	.....
23	Karachi Collectrate	2,180 8 0	873 6 4	55,153 12 2	.....
24	Hyderabad do.	1,592 8 4	407 14 7	11,987 6 11	.....
25	Nawabshah do.	1,376 6 0	403 0 7	8,090 7 7	.....
26	Thar and Parkar do.	1,583 8 0	465 1 11	9,236 10 11	.....
27	Larkana do. ...	1,748 14 0	402 7 7	10,141 11 7	.....
28	Sukkur do.	1,513 6 0	714 5 4	9,309 12 8	.....
29	Jacobabad do.	855 6 0	163 13 7	5,151 13 7	.....
30	Khairpur (Native State)	710 14 9	89 6 10	3,475 12 6	.....
	Total ...	19,780 1 1	4,539 13 7	1,04,732 12 9	.....
	VACCINE INSTITUTE.				
31	Belgaum	375 12 0	26,657 14 8	46,474 2 6	.....
32	Aden	.....	.....	3,156 0 0	.....
	TOTAL OF PRESIDENCY ...	1,05,588 9 2	60,064 1 10	6,18,352 8 8	.....

No. II.

TURE.

Provincial Funds.	Local Funds.	Municipalities.	Native States.	Total.	Number of all successful vaccinations and Revaccination.	Average cost of each successful case.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
31,297 9 5	.....	.....	.....	31,297 9 5	...	.....
1,923 0 0	7,690 10 4	1,893 12 2	493 6 5	11,300 13 6	20,678	0 8 9
355 4 0	4,242 13 3	618 0 0	.....	5,216 1 3	8,176	0 10 2
558 12 0	7,863 14 6	814 0 0	.....	9,238 2 6	19,995	0 7 5
334 15 0	5,225 10 0	299 0 0	.....	5,859 9 0	11,118	0 8 5
999 2 0	8,254 10 6	7,881 1 6	.....	17,234 14 0	24,379	0 8 0
.....	.....	.....	3,830 4 11	3,830 4 11	5,057	0 12 1
.....	.....	.....	6,954 15 2	6,854 15 2	21,852	0 5 1
34,768 10 5	33,278 10 7	11,606 6 3	11,278 10 6	90,932 5 9	111,255	0 13 1
32,015 5 10	.....	220 0 0	.....	32,235 5 10	...	.....
372 0 0	9,024 1 5	5,757 10 9	.....	15,153 12 2	14,638	1 0 7
384 0 0	8,387 8 7	3,255 13 4	.....	11,987 5 11	14,136	0 13 7
324 0 0	7,676 7 0	.....	.....	8,000 7 7	11,431	0 11 2
384 0 0	3,852 10 11	.....	.....	9,206 10 11	9,023	1 0 5
360 0 0	9,125 14 7	695 13 0	.....	10,181 11 7	16,831	0 10 7
342 0 0	6,278 1 1	2,689 11 7	.....	9,309 12 8	13,814	0 10 10
174 0 0	4,356 6 7	641 7 0	.....	5,151 13 7	7,525	0 10 11
.....	.....	.....	3,475 12 6	3,475 12 6	5,275	0 10 7
34,855 5 10	53,688 9 3	13,320 7 8	3,475 12 6	1,04,732 12 9	91,193	1 2 5
†46,474 2 6	.....	.....	.....	*46,474 2 6	...	.....
.....	.....	3,156 0 0	.....	3,156 0 0	464	.....
2,46,119 9 1	2,56,973 2 4	97,519 13 8	17,740 1 0	6,18,3 2 8 8	578,452	1 1 1

Rs. a. p.

*Total expenditure ... 60,260-3-8
Deduct sale proceeds —13,786-1-3

46,47,496-5

B.—DISPENSARY

Statement No. III showing Dispensary Vaccination in the

Districts.	Number of Dispensaries in each District to which a Vaccinator is attached.	Average number of Vaccinators attached to Dispensaries during the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.
	2	3	4			5
			Males.	Females.	Total.	
BOMBAY CITY.						
His Majesty's Common Jail...	...	...	P. 2	...	2	...
Local Medical Practitioner including Registrars...	...	...	R. 496	...	496	...
THE WESTERN REGISTRATION DISTRICT.						
West Khandesh District. — Dhulia Jail ..	...	...	P. ...	...	...	...
			R. 878	60	938	
THE CENTRAL REGISTRATION DISTRICT.						
Poona District. — Yeravda Central Prison ...	...	...	P. 87	30	117	...
			R. 1,319	94	1,413	
THE SOUTHERN REGISTRATION DISTRICT.						
Belgaum District. — Belgaum Sub-Jail ...	...	...	...	...	...	...
Bijápur District. — Bijápur Prison	...	...	P. 3	1	4	...
			R. 1,772	...	1,772	
THE GUJARAT REGISTRATION DISTRICT.						
Ahmedabad District. — Ahmedabad Central Prison	...	...	P. 14	...	14	...
			R. 2,833	166	2,999	
Sabarmati Railway Dispensary ..	...	...	P. 16	16	32	...
			R. 5	3	8	
Sadar Bazar Dispensary (Cantonment)	...	...	P. 32	40	72	...
			R. 3	2	5	
Mahi Ká tha Agency. — Sádra Dispensary	...	...	P. 44	26	70	...
			R. ...	...	...	
Total ...	...	...	P. 106	82	188	...
			R. 2,841	171	3,012	

VACCINATION.

Bombay Presidency during the year 1923-1924.

Primary Vaccination.					Re-vaccination.			Percentage of successful cases in which the results were known.		Percentage of unknown cases to total cases.	
	Successful.										
Total.	Under one year.	One and under six years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
6	7	8	9	10	11	12	13	14	15	16	17
...	...	...	...	...	...	...	...	...	...	...	...
2	2	...	2	...	496	...	496	100·	...	...	100·
...	...	...	...	...	938	938	...	...	100·	...	...
117	11	90	16	...	1,413	449	52	100·	31·77	...	3·68
...	...	...	...	...	...	...	...	...	...	...	...
4	2	2	4	...	1,772	724	106	100·	43·46	...	5·98
14	...	...	14	...	2,999	2,799	...	100·	93·33	...	...
32	14	18	32	...	8	6	2	100·	100·	...	25·00
72	51	15	72	...	5	4	...	91·67	80·	...	...
70	50	15	70	...	...	...	...	100·	...	...	...
188	115	48	188	...	3,012	2,809	2	96·81	93·32	...	·66

B.—DISPENSARY

Districts.	Number of Dispensaries in each District to which a Vaccinator is attached.	Average number of Vaccinators attached to Dispensaries during the year.	Total number of persons vaccinated.			Average Number of persons vaccinated by each Vaccinator.
	2	3	4			5
			Males.	Females.	Total.	
THE SIND REGISTRATION DISTRICT.						
Karáchi District. — Karáchi Convict Gang	...	...	P. 28	21	49	...
			R. 1	8	9	
Hyderabad District. — Hyderabad Central Prison	...	...	P. 176	4	180	...
			R. 1,562	7	1,569	
Sukkur District. — Sukkur Prison	...	...	P. 120	...	120	...
			R. ...	...	...	
Total ...	...	...	P. 324	25	349	...
			R. 1,563	15	1,578	
MUSKAT	...	...	P. 1	1	2	...
			R. ...	...	...	
TOTAL FOR THE BRITISH TERRITORY	...	...	P. 479	113	592	...
			R. 8,869	340	9,209	
TOTAL FOR THE NATIVE STATES	...	...	P. 44	26	70	...
			R. ...	...	...	
GRAND TOTAL FOR THE BOMBAY PRESIDENCY	...	...	P. 523	139	662	...
			R. 8,869	340	9,209	

VACCINATION—*concld.*

Primary Vaccination.					Re-vaccination.			Percentage of successful cases in which the results were known.		Percentage of unknown cases to total cases.	
	Successful.										
Total.	Under one year.	One and under six years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
6	7	8	9	10	11	12	13	14	15	16	1
49	...	...	...	49	9	...	9	...	...	100·	0·
180	1	2	147	21	1,509	1,314	162	92·45	92·52	11·67	9·69
120	...	...	120	...	...	...	...	100·	...	...	...
349	1	2	267	70	1,578	1,314	161	95·70	92·52	20·06	10·20
2	2	...	2	...	...	...	...	100·	...	...	...
592	83	127	409	70	9,209	6,234	817	78·35	74·29	11·82	8·87
70	50	15	70	...	...	...	...	100·	...	...	...
662	133	142	479	70	9,209	6,234	817	80·91	74·29	10·57	8·87

Comparative Statement No. IV showing the number of Persons successfully vaccinated in each of the

Establishment.	Persons primarily			
	Total Numbe	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ending			
	1915.		1916.	
Municipal	76,490	70,259	84,200	73,352
Local Fund	536,034	490,871	537,145	487,765
Cantonment	1,492	1,413	1,635	1,608
Native States	96,001	93,357	95,098	92,007
Dispensary	752	730	1,339	1,131
Total ...	710,769	656,630	719,417	655,863

Establishment.	Persons primarily			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ending			
	1920.		1921.	
Municipal	69,732	59,617	71,503	62,806
Local Fund	454,364	407,269	435,433	392,041
Cantonment	1,529	1,393	1,548	1,280
Native States	84,478	82,448	81,719	79,613
Dispensary	947	785	473	444
Total ...	611,050	551,542	590,676	536,148

primarily vaccinated and the number of those Persons who were undermentioned official years.

VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
31st March.					
1917.		1918.		1919.	
79,569	69,252	79,801	71,973	71,233	63,244
529,105	479,721	524,992	483,921	437,968	399,370
1,308	1,246	1,891	1,752	1,622	1,405
97,036	94,220	97,178	95,295	88,850	87,335
1,530	1,166	1,651	1,509	867	800
708,548	645,605	705,513	654,450	600,540	552,154

VACCINATED—*concluded.*

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
31st March—*concluded.*					
1922.		1923.		1924.	
80,258	69,818	80,048	70,658	85,903	75,966
455,216	413,165	466,085	422,766	486,311	441,967
1,914	1,588	1,421	1,280	2,366	2,187
39,425	36,989	39,403	37,019	41,078	38,267
877	729	780	685	662	479
577,690	522,289	587,737	532,408	616,320	558,866

Statement No. V showing Particulars of Vaccination

District.		Total Number of persons vaccinated.		Total number Inspected.			
				By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.	
		Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.
Western Registration District.	East Khándesh ..	36,802	356	...	...	16,239	192
	West Khándesh ..	20,570	272	...	...	7,580	143
	Násik ..	3,0556	1,217	1,760	42	10,469	63
	Thána ..	21,120	1,089	1,620	3	7,464	29
	Bombay Suburban ..	4,180	651	599	1	465	2
	Kolába ..	15,945	167	2,311	8	5,243	22
	Bombay City ..	20,852	25,145	4,890	...	6,895	...
Central Registration District.	Ahmednagar ..	25,229	2,316	1,604	2	9,209	8
	Poona	29,501	8,033	446	...	3,634	...
	Sholápur ..	23,034	512	...	...	6,028	81
	Sátára ..	31,688	344	12	...	11,141	26
	Ratnágiri .	34,917	340	...	...	11,106	...
Southern Registration District.	Belgaum ..	31,315	7,542	1,186	18	9,131	812
	Dhárwár .	30,448	10,516	1,982	93	13,466	889
	Bijápur ..	26,879	13,768	300	38	7,567	510
	Kánara ..	12,744	5,506	...	...	5,506	224
Gujarát Registration District.	Surat .	21,186	1,407	2,158	98	5,491	144
	Broach .	9,083	332	617	47	3,565	91
	Kaira ..	20,989	920	11	...	11,260	247
	Panch Maháls ..	12,290	627	...	...	3,926	239
	Ahmedabad ..	26,744	1,184	6	...	9,665	206
Sind Registration District.	Karáchi ..	15,328	9,583	11	...	3,064	56
	Hyderabad ..	13,999	821	58	...	2,250	48
	Nawábshah ..	11,960	222	802	48	3,232	110
	Thar and Párkar ..	9,418	277	...	...	4,747	119
	Lárkána ..	15,802	289	...	...	5,609	80
	Sukkur ..	14,393	398	1,997	72	4,788	48
	Jacobabad ..	7,608	337	979	6	722	10
	Total for the Province ..	574,800	94,176	23,369	476	189,522	4,408

* Percentage of success in this column is calculated on

N. B.—Native States are excluded

verified by Inspecting Officers in 1923-1924.

Percentage of Inspections to total number vaccinated.				Percentage of cases found successful of total number inspected.				*Percentage of success reported by Vaccinators.	
By Assistant Director of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.		By Assistant Director of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.			
Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.
...	...	44·12	53·03	...	...	96·06	23·06	76·76	25·28
...	...	30·80	52·57	...	...	95·36	55·24	80·66	39·34
5·82	3·45	33·59	5·15	98·15	40·48	95·83	7·32	79·48	28·02
7·15	·28	32·95	2·60	98·83	...	99·24	34·48	92·16	36·37
14·33	·15	11·12	·31	99·17	100·00	99·36	50·	90 55	42·55
12·77	4·71	23·98	12·04	98·09	25·00	98·38	50·	89·49	36·13
23·45	...	32·02	...	98·22	...	97·06	...	82·21	...
6·36	·09	36 50	·36	91·52	50·	91·99	100·	84·32	60·92
1·51	...	12·32	...	99·78	...	93·56	...	87·18	31·05
...	...	26·17	15·86	...	...	93·56	12·34	86·35	38·99
·04	...	35·10	7·56	83·33	...	93·01	34·02	93·68	48·84
...	...	31·81	...	...	...	90·05	...	94·13	69·12
3·79	·24	29·10	10·77	99·02	33·33	99·52	16 87	89·26	27·78
0·51	·88	44·23	6·45	99·05	2·96	89·40	15·64	93·27	31·50
1·12	·28	28·15	3·77	98·07	18·48	99·28	18·30	97·53	29·48
...	...	43·68	4·07	...	...	99·43	30·28	99 30	43·84
11·01	·74	25·02	10·23	99 03	11·22	99·59	26·76	89·91	19·07
6·79	14·16	39·25	27·41	99·35	25·53	99·41	13·19	89·	27·33
·05	·00	53·05	26·85	100·	·00	99·19	32·39	93·93	30·22
·00	·00	31·13	38·12	·00	·00	99·11	15·05	89·60	16·91
·02	·00	36·24	17·47	100·	·00	99·48	33·01	90·03	31·50
·07	...	19·90	·58	100·	...	100·	33·92	94·63	1·38
·41	...	16·08	5·90	100·	...	99·42	39·17	97·72	55·42
6·70	21·62	17·02	49·54	99·11	28·75	99·	20·	95·14	23·42
...	...	54·03	43·03	...	...	99·86	31·03	95·30	16·96
...	...	35·42	27·08	...	...	99·08	38·74	96·35	36·38
13·87	18·09	32·26	12·06	98·05	54·18	99·33	35·41	95·10	32·41
12·87	1·78	9·49	2·96	99·18	16·66	99·30	...	98·	20·47
4·07	·51	33·90	4·68	84·57	27·31	98·57	30·03	90·52	19·86

the total reported by vaccinators.

from this statement.

APPENDIX

STATEMENT

Showing the Particulars of Vaccination in

Number.	Circles and Districts.	Population of District according to Census of 192 .	Average Population per Square Mile.	Average Number of Vaccinators employed throughout the year.
1	2	3	4	5
1	Cutch	4,84,547	74·54	17
2	Káthiáwár	2,531,863	...	65
3	Pálanpur	5,18,566	81·1	12
4	I'dar	2,26,351	64	4
5	Cambay	71,679	207	2
6	Akalkot	81,250	...	2
7	Phaltan	43,286	...	1
8	Bhor (Pant Sachiv)	1,30,420	...	3
9	Sávantvádi	2,06,440	...	6
10	Aundh (Pant Pratinidhi)	64,560	...	2
11	Sangli State	2,21,321	199	6
12	Jamakhindi State	1,01,195	193	4
13	Miraj Senior	82,580	241	2
14	Do. Junior	34,665	164	1
15	Karundwad Junior State	33,760	210	1
16	Do. Senior	34,296	296	1
17	Mudhol	60,140	167	1
18	Ramdurg	33,997	205	1
19	Kolhápur	8,33,726	2,590	13
20	Janjira State	87,534	270	2
	Grand Total ...	5,887,176	...	146

II.

No. I.

Native States during the year 1923-24.

Total Number of Persons vaccinated.			Average number of Persons vaccinated by each Vaccinator.	Primary Vaccination.			
				Total.	Successful.		
					Under one year.	One and under six years.	Total of all ages.
6			7	8	9	10	11
Males.	Females.	Total.					
P. 6,925	6,962	13,887	816	13,887	11,287	2,268	13,601
R. ...	...	...					
P. 40,474	39,030	79,504	1,368	79,535	60,467	16,645	77,751
R. 6,875	2,529	9,404					
P. 6,257	5,942	12,199	1,016	12,199	10,442	1,186	11,628
R. ...	...	...					
P. 3,237	3,093	6,330	1,570	6,330	4,672	1,508	6,180
R. 12	...	12					
P. 1,125	1,042	2,167	1,083	2,167	1,781	349	2,130
R. 40	14	54					
P. 1,514	1,250	2,764	1,403	2,764	2,235	423	2,707
R. 39	2	41					
P. 786	721	1,507	1,536	1,507	1,363	140	1,506
R. 25	4	29					
P. 1,245	1,251	2,496	833	2,496	1,832	520	2,361
R. 1	1	2					
P. 3,071	2,993	6,064	1,099	6,064	4,500	1,539	6,063
R. 173	58	231					
P. 964	926	1,890	950	1,890	1,450	232	1,688
R. 7	2	9					
P. 3,817	3,623	7,440	1,355	7,440	6,604	768	7,415
R. 676	15	691					
P. 1,870	1,709	3,579	912	3,579	3,147	418	3,573
R. 66	2	68					
P. 1,675	1,710	3,385	1,747	3,385	2,959	409	3,381
R. 105	5	110					
P. 562	538	1,100	1,304	1,100	863	237	1,100
R. 204	...	204					
P 719	679	1,398	1,603	1,398	1,196	181	1,385
R. 173	32	205					
P. 634	626	1,260	1,549	1,260	923	297	1,251
R. 286	3	289					
P. 891	798	1,689	2,094	1,689	1,303	380	1,688
R. 398	7	405					
P. 542	531	1,073	1,202	1,073	834	239	1,073
R. 128	1	129					
P. 13,337	12,667	26,004	2,081	26,004	20,313	5,543	25,995
R. 1,008	46	1,054					
P. 1,115	1,030	2,145	1,074	2,145	1,348	775	2,142
R. 2	1	3					
P. 90,760	87,121	1,77,881	1,807	1,77,912	1,39,519	34,057	1,74,618
R. 10,218	2,722	12,940					

APPENDIX

Number.	Circles and Districts.	Primary Vaccination—*contd.*	Re-vaccination.			Percentage successful which were
		Unknown.	Total.	Successful.	Unknown.	Primary.
1	2	12	13	14	15	16
1	Cutch	286	...	...	...	97·93
2	Kathiawar	1,231	9,404	4,918	2,900	97·60
3	Palanpur	259	...	...	...	95·30
4	Idar	...	12	12	...	97·60
5	Cambay	44	54	31	5	90·90
6	Akalkot	57	41	36	5	100·00
7	Phaltan	1	29	...	...	100·00
8	Bhor (Pant Sachiv)	126	2	...	...	99·62
9	Sawantwadi	...	231	173	30	99·98
10	Aundh (Pant Pratinithi)	202	9	3	...	100·00
11	Sangli State	7	691	260	75	99·76
12	Jamkhandi State	5	68	54	2	99·97
13	Miraj Senior	3	110	81	1	99·97
14	Do. Junior	...	204	204	...	100·00
15	Kurundwad Junior State	13	205	104	22	100·00
16	Do. Senior	2	289	101	12	99·44
17	Mudhol	...	405	51	92	99·94
18	Ramdurg	...	129	87	16	100·00
19	Kolhápur	7	1,054	970	46	99·99
20	Janjira	3	3	3	...	100·00
	Total ...	2,246	12,940	7,088	3,206	99·40

II—*continued.*

tage of successes in the results known.	Persons successfully vaccinated per 1,000 of Population.	Percentage of unknown cases to total cases.		Average annual Number of Persons successfully vaccinated during previous five years.		Average Annual Number of Deaths from Small-pox during previous five years.	
Re-vaccination.		Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
17	18	19	20	21	22	23	24
...	29·90	2·05	...	12,422	27·31	...	...
52·30	32·60	·50	30·80	69,227	27·30	524	·2
...	22·40	2·10	...	13,047	25·10	48	·09
100·00	29·60	...	...	5,388	25·8	549	2·53
·50	30·10	·21	·90	1,951	·27	...	...
100·00	33·76	2·06	12·20	2,984	36·73	...	...
...	34·79	·07	...	1,317	30·43	...	...
...	18·10	5·05	...	2,929	22·46	...	...
86·07	30·21	...	12·99	5,084	24·63	...	...
33·33	26·19	10·69	...	1,795	27·80	...	...
42·21	34·67	·09	10·85	7,968	36·00	...	...
81·82	35·84	·14	2·94	3,582	35·40	...	...
74·31	41·92	·09	·91	3,358	40·66	...	...
100·00	37·62	...	...	1,221	35·22	...	...
56·83	38·42	·93	10·73	1,421	36·66	...	...
36·46	39·42	·16	4·15	1,220	35·57	...	...
16·29	28·92	...	22·72	196	31·69	...	...
76·99	34·12	...	12·40	1,259	37·03	...	...
96·23	32·34	·03	4·36	26,853	32·21	...	...
100·00	24·50	·14	...	...	...	...	...
72·82	30·87	1·26	24·79	...	...	1,121	·19

APPENDIX II—*continued.*

STATEMENT No. 1—*continued.*

Summary.

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which results were known.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
By Special Staff (Statement I).	1,77,881	12,940	1,77,012	12,940	99·40	72·82

	Average number of persons vaccinated by each vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
	Vaccinators employed.	Persons vaccinated by each vaccinator.	Under one year.	One and under six years.			
						Rs. a. p.	Rs. a. p.
By Special Staff (Statement I).	146	1,307	139,519	84,057	30·87	1,11,024 6 5	0 9 3

STATEMENT II.

Showing the Cost of the Department in the Native States during the year 1923-1924.

No.	Circles and Districts.	Expenditure.					
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.	Vaccinators.	Pay.
			Rs. a. p.		Rs. a. p.		Rs. a. p.
1	Cutch	...	...	2	379 15 2	17	1,535 9 11
2	Kathiawar	11	840 0 0	9	9,641 0 0	65	24,094 10 1
3	Palanpur	...	...	...	...	12	3,760 14 0
4	Idar	...	...	1	355 0 0	4	773 0 0
5	Cambay	...	...	2	3,600 0 0	2	636 0 0
6	Akalkot	...	...	1	390 0 0	2	528 0 0
7	Phaltan	...	...	...	...	1	192 0 0
8	Bhor	...	...	1	423 0 0	4*	763 0 6
9	Savantwadi	...	...	1	720 0 0	6	1,609 4 2
10	Aundh (Pant Pratinidhi) ...	...	...	...	..	2	540 0 0
11	Kolhapur State	...	...	1	420 0 0	15	3,000 0 0
12	S. M. Native States	...	...	7	2,115 0 0	18	3,745 14 5
13	Janjira	...	...	...	...	...	1,117 0 0
	Total ...	11	840 0 0	25	18,043 15 2	148	42,295 5 1

* One Candidate vaccinator has been appointed in Bhor State.

ROYAL LIBRARY OF THE BOMBAY BRANCH OF

STATEMENT II—*continued.*

No.	Circles and Districts.	Expenditure—*continued.*				
		Clerks.	Pay.	Peons, etc.	Pay.	Total Pay of Establishmet.
			Rs. a. p.		Rs. a. p.	Rs. a. p.
1	Cutch	1	94 15 9	19	1,353 9 0	3,364 1 10
2	Kathiawar	5	2,388 0 0	68	10,251 9 4	47,215 3 5
3	Palanpur	1	48 0 0	12	1,148 8 6	4,957 6 6
4	Idar	...	...	5	492 0 0	1,620 0 0
5	Cambay	...	...	2	288 0 0	4,524 0 0
6	Akalkot	...	...	3	285 2 4	1,203 2 4
7	Phaltan	...	...	2	101 5 4	293 5 4
8	Bhor	...	...	4	418 8 0	1,604 8 6
9	Savantwadi	...	...	6	864 0 0	3,193 4 2
10	Aundh (Pant Pratinidhi) ...	...	...	2	216 0 0	756 0 0
11	Kolhapur State	1	240 0 0	15	1,392 0 0	5,052 0 0
12	S. M. Native States	1	143 0 0	22	2,548 6 10	8,552 5 3
13	Janjira	...	...	...	...	1,117 0 0
	Total ...	9	2,913 15 9	160	19,359 1 4	83,452 5 4

STATEMENT II—*continued.*

No.	Circles and Districts.	Expenditure—*concluded.*			Paid from	
		Travelling Allowances.	Contingencies.	Total Cost.	Imperial Funds.	Provincial Funds.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Cutch	3,633 3 11	...	6,997 5 9	...	...
2	Kathiawar	7,110 7 0	7,249 5 7	61,575 0 0	1,393 0 0	11,905 0 0
3	Palanpur	243 8 7	691 8 0	5,793 7 1	...	...
4	Idar	[illegible]	516 4 0	2,136 4 0	...	...
5	Cambay	...	255 0 0	4,779 0 0	...	...
6	Akalkot	313 1 2	49 0 0	1,565 3 6	...	...
7	Phaltan	139 12 0	42 12 7	475 13 11	...	...
8	Bhor	...	140 13 9	1,745 6 3	...	...
9	Savantwadi	466 15 10	226 0 0	3,886 4 0	...	...
10	Aundh (Pant Pratinidhi) ...	446 3 9	32 13 0	1,235 0 9	...	...
11	Kolhapur State	1,633 1 9	435 8 0	7,120 9 9	...	...
12	S. M. Native States	3,553 14 0	402 12 0	12,608 15 5	...	...
13	Janjira	...	...	1,117 0 0	...	...
	Total ...	17,540 4 0	10,031 13 1	1,11,024 6 5	1,393 0 0	11,905 0 0

STATEMENT II—*concluded.*

No.	Circles and Districts.	Paid from—*contd.*			Total.			Number of all successful Vaccinations and Re-vaccinations.	Average cost of each successful case.		
		Local Funds.	Municipalities.	Native States.							
		Rs.	Rs.	Rs. a. p.	Rs.	a.	p.		Rs.	a.	p.
1	Cutch	...	...	6,997 5 9	6,997	5	9	18,601	0	8	2
2	Kathiawar	...	...	48,277 0 0	61,676	0	0	82,669	0	12	3
3	Palanpur	...	...	5,792 7 1	5,792	7	1	11,628	0	8	0
4	Idar	...	...	2,136 4 0	2,136	4	0	6,180	0	5	7
5	Cambay	...	...	4,779 0 0	4,779	0	0	2,161	2	3	1
6	Akalkot	...	...	1,565 3 6	1,565	3	6	2,743	0	9	2
7	Phaltan	...	...	475 13 11	475	13	11	1,506	0	5	1
8	Bhor	...	...	1,745 6 3	1,746	6	3	2,361	0	11	10
9	Savantwadi	...	...	3,886 4 0	3,886	4	0	6,236	0	10	0
10	Aundh (Pant Pratinidhi) ...	...	...	1,235 0 9	1,235	0	9	1,601	0	11	8
11	Kolhapur State	...	...	7,120 9 9	7,120	9	9	26,065	0	4	3
12	S. M. Native States	...	...	12,598 15 5	12,598	15	5	91,808	0	9	3
13	Janjira	...	...	1,117 0 0	1,117	0	0	2,145	...		
	Total ...	...	...	97,726 6 5	1,11,024	6	5	1,81,706	0	9	3

STATEMENT IV.

STATEMENT

Showing the number of persons primarily vaccinated and the each of the undermen

Establishment.	Persons Primarily					
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended					
	1915.		1916.		1917.	
Cutch	17,232	17,097	17,570	17,564	16,234	16,192
Káthiáwár	86,944	83,468	92,180	88,671	91,204	87,597
Pálanpur	19,439	19,048	19,447	19,076	91,102	18,782
Idar	3,452	3,147	4,175	3,566	5,168	4,311
Cambay	1,856	1,854	2,180	2,163	2,200	2,198
Bhor (Pant Sachiv)	3,356	3,238	3,723	3,658	3,436	3,336
Phaltan	1,536	1,417	1,600	1,468	1,248	1,159
Sávantvádi	6,336	6,281	6,234	6,180	6,146	6,079
Aundh	...	...	...	...	...	...
Akalkot	3,426	3,347	3,260	3,218	3,455	3,389
Janjira	...	...	..	...	...	...
Southern Maratha Native States ...	...	...	...	...	...	...
Kolhapur	...	...	...	...	...	...
Total ...	143,577	138,897	150,319	145,564	148,279	143,043

IV.

number of those persons who were successfully vaccinated in tioned official years.

VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
31ST MARCH.							
1918.		1919.		1920.		1921.	
13,110	12,928	12,300	11,902	11,421	10,775	13,636	12,108
80,154	77,267	69,227	65,968	69,231	65,706	70,241	66,303
15,838	15,278	13,519	13,281	12,994	12,847	13,407	13,040
4,026	3,327	.....	.....	Not received.		5,805	5,650
2,066	2,055	1,995	1,985	1,847	1,841	1,781	1,769
3,114	3,052	2,813	2,794	3,396	3,265	2,915	2,786
1,651	1,564	1,260	1,190	1,515	1,441	1,475	1,450
5,911	5,880	5,170	5,164	5,094	5,087	4,613	4,604
.....	.....	.....	.....	.....	.....	1,743	1,565
3,103	3,009	2,744	2,693	3,049	2,994	2,953	2,895
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
128,973	124,360	109,028	104,977	108,477	103,956	117,569	112,170

STATEMENT IV—*concluded.*

Establishment.	Persons Primarily Vaccinated—*concluded.*					
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended 31st March—*concluded.*					
	1922.		1923.		1924.	
Cutch	13,906	13,616	13,873	13,712	13,887	13,601
Káthiáwár	71,776	69,491	77,354	75,599	79,535	77,751
Pálanpur	13,300	13,038	13,225	12,904	12,199	11,628
Idar	5,945	5,825	5,887	5,734	6,330	6,180
Cambay	2,121	2,090	2,047	1,881	2,167	2,130
Bhor (Pant Sachiv)	2,791	2,742	3,135	3,020	2,764	2,707
Phaltan	1,251	1,250	1,245	1,242	1,507	1,506
Sávantvádi	4,819	4,812	5,387	5,382	2,496	2,361
Aundh	1,965	1,824	2,071	1,906	6,064	6,063
Akalkot	3,149	3,072	3,010	2,965	1,890	1,688
Janjira	1,915	1,906	2,019	2,013	2,145	2,142
Southern Maratha Native States ...	21,821	20,747	21,062	21,006	20,924	20,866
Kolhapur	24,428	24,419	25,435	25,415	26,004	25,995
Total ...	168,187	164,832	175,750	172,779	177,912	174,618

APPENDIX III.

Statement showing the number of Vaccinations performed in Municipal Towns on children under one year of age.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1923.	Number of successful vaccinations on children under one year during the year ending March 1924.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
1	Dhulia ...	1,049	165	552	Nil.
2	Nandurbár ...	475	67	282	Do.
3	Jalgaon ...	619	85	401	Do.
4	Chopda ...	537	54	187	Do.
5	Nasirabad ...	618	103	163	Do.
6	Násik ...	1,416	288	898	Do.
7	Yeola ...	421	90	371	Do.
8	Málegaon ...	789	148	763	Do.
9	Thana ...	388	70	477	Do.
10	Kalyán ...	414	62	393	Do.
11	Alibág ..	98	25	55	Do.
12	Mahád ..	178	29	88	Do.
13	Panwel ...	162	23	110	Do.
14	Deolali Cantonment.	59	21	154	August 1915.
15	Bándra ...	581	125	371	August 1900.
16	Kurla ..	346	78	524	Do.
17	Bombay City ...	20,995	8,632	12,034	September 1877.
18	Ahmednagar ...	730	75	912	Nil.
19	Ahmednagar Cantonment.	341	29	215	Do.
20	Vámbori ...	148	14	117	Do.
21	Sangamner ...	415	41	231	Do.
22	Kharda ...	189	13	.....	Municipality was abolished on 1st October 1923.
23	Poona City ...	2,179	1,290	2,781	Nil.

APPENDIX III—*continued.*

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1923.	Number of successful vaccinations on children under one year during the year ending March 1924.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
24	Poona Cantonment.	92	26	498	Nil.
25	Kirkee Cantonment.	118	40	270	Do.
26	Sáswad ...	135	10	137	Do.
27	Jejuri ...	96	15	72	Do.
28	Bárámati ...	297	48	291	Do.
29	Indapur ...	162	12	148	Do.
30	Sirur ...	36	10	46	Do.
31	Khed ...	181	26	41	Do.
32	Lonávla ...	236	61	113	Do.
33	Talegaon Dábhada...	92	10	57	Do.
34	Alandi ...	43	17	18	Do.
35	Junnar ...	187	19	103	Do.
36	Poona Suburban ...	163	61	238	Do.
37	Sholápur Town ...	4,022	948	2,039	Do.
38	Bársi ...	635	234	533	Do.
39	Karmála ...	246	22	119	Do.
40	Sángola ...	169	24	134	Do.
41	Pandharpur ...	709	389	457	Do.
42	Sátára Town ...	190	66	413	Do.
43	Wái ...	257	33	302	Do.
44	Rahimatpur ...	155	25	103	Do.
45	Karád ..	176	21	208	Do.
46	Islámpur ...	226	28	213	Do.
47	Ashta ...	271	14	157	Do.
48	Tásgaon ...	347	49	244	Do.
49	Vita ...	118	12	91	Do.

APPENDIX III—*continued.*

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1923.	Number of successful vaccinations on children under one year during the year ending March 1924.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
50	Mhasvad ...	295	60	64	Nil.
51	Málcolmpeth ...	74	18	74	Do.
52	Sátára Suburban ...	39	5	39	Do.
53	Panchgani ...	12	2	14	Do.
54	Vengurla ...	710	100	120	Do.
55	Rájapur ...	197	17	86	Do.
56	Ratnágiri ...	372	20	191	Do.
57	Chiplun ...	292	28	224	Do.
58	Malwan ...	592	67	297	Do.
59	Belgaum (including Cantonment).	1,038	97	1,357	Do.
60	Nipáni ...	405	41	272	Do.
61	Athani ...	459	37	348	Do.
62	Gokák ...	406	57	287	Do.
63	Saundatti ..	271	24	164	Do.
64	Dhárwár ...	846	80	846	Do.
65	Hubli ...	1,875	241	2,103	Do.
66	Gadag-Bettigeri ...	1,318	237	1,131	Do.
67	Navalgund ...	173	18	137	Do.
68	Nargund ...	224	18	64	Do.
69	Ránebennur ...	572	90	301	Do.
70	Byádgi ...	211	37	101	Do.
71	Gudguddapur ...	39	5	28	Do.
72	Háveri ...	202	27	189	Do.
73	Shiddedevapur ...	30	2		Do.
74	Bijápur ...	1,087	124	757	Do.
75	Bágalkot ...	735	134	431	Do.

APPENDIX III—*continued.*

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1923.	Number of successful vaccinations on children under one year during the year ending March 1924.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
76	Guledgudda ...	622	108	309	Nil.
77	Ilkal ...	438	81	578	Do.
78	Kárwár ...	397	34	89	Do.
79	Kumta ...	385	39	29	Do.
80	Honáwar ...	291	30	69	Do.
81	Bhatkal ...	252	11	99	Do.
82	Sirsi ...	179	30	69	Do.
83	Halyál ...	145	22	179	Do.
84	Gokarn	271	26	119	Do.
85	Ulvi ...	3	2	1	Do.
86	Surat ...	2,973	1,147	2,806	Do.
87	Ránder ...	239	49	121	Do.
88	Bulsar ...	540	77	250	Do.
89	Broach	1,935	313	855	Do.
90	Jambusar ...	426	89	227	Do.
91	Ankleshwar ...	484	86	244	Do.
92	Kaira ..	249	44	181	Do.
93	Mehmedabad ...	261	69	137	Do.
94	Nadiád ...	1,138	288	659	Do.
95	Borsad ...	672	179	340	Do.
96	Anand ...	325	44	270	Do.
97	Umreth ...	631	117	314	Do.
98	Dákore ...	288	80	14	Do.
99	Kapadvanj ...	618	134	449	Do.
100	Godhra ...	432	83	533	Do.
101	Dohad ...	541	100	187	Do.

APPENDIX III—*concluded.*

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1923.	Number of successful vaccinations on children under one year during the year ending March 1924.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
102	Ahmedabad ...	11,058	3,291	7,323	6th July 1913.
103	Dhandhuka ...	344	70	184	Nil.
104	Viramgaon ...	802	204	479	Do.
105	Dholka ..	588	91	362	Do.
106	Kamáchi ...	8,841	1,904	5,437	October 1879.
107	Hyderabad ...	2,982	618	1,401	February 1914.
108	Hyderabad Cantonment	37	5	96	Do.
109	Lárkáná ...	566	130	205	April 1899.
110	Sukkur ...	1,314	251	723	June 1904.
111	Rohri ...	323	75	174	Do.
112	Shikárpur ...	1,681	568	806	Nil.
113	Tatta ...	197	37	73	Do.
114	Jacobabad ...	215	59	160	Do.
115	Aden ...	888	173	77	28th December 1916.

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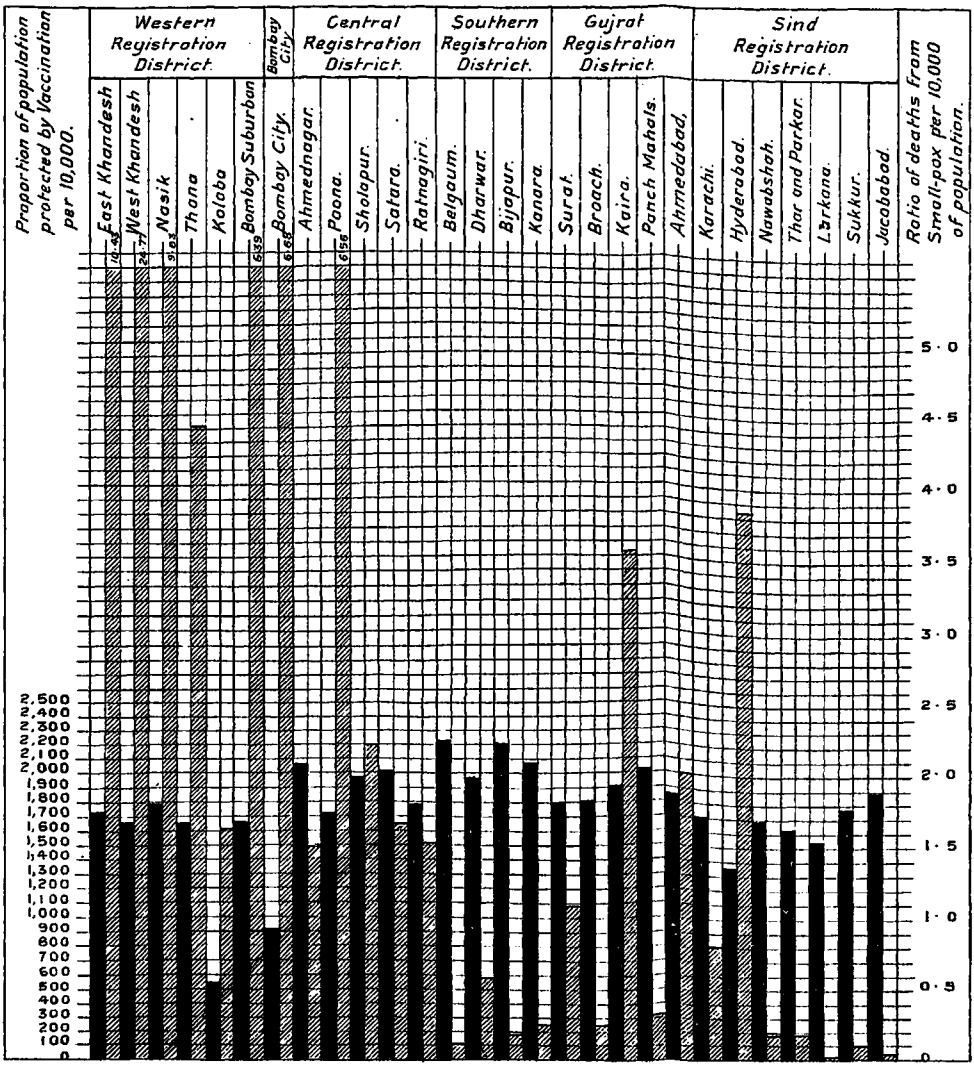
APPENDIX IV.

This Diagram shows the proportion of the population protected by Vaccination in each District during the seven years from 1st April 1917 to 31st March 1924, side by side with the death rates from Small-pox for 1923-24.



Indicates proportion of population protected by Vaccination during 7 years ending 31st March 1924.

Indicates ratio of deaths from Small-pox per 10,000 of population during the year 1923-1924.

Bombay Annual Vaccination Report for 1923-1924.

Litho: Govt Photozinco Office, Poona, 1924.

Triennial Report on Vaccination in the Bombay Presidency

For the Years 1923-24, 1924-25, 1925-26

(With Appendices)

[Price—Rs 2 As. 9 *or* 4*s.* 9*d.*]

BOMBAY
PRINTED AT THE GOVERNMENT CENTRAL PRESS
1926
Obtainable from the Superintendent of Government Printing and Stationery, Bombay; from the High Commissioner for India, 42 Grosvenor Gardens, S.W. 1, London; or through any recognized Bookseller

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TRIENNIAL REPORT ON VACCINATION IN THE BOMBAY PRESIDENCY FOR THE YEARS 1923-24, 1924-25, 1925-26

1. *Selected Districts.*—The system introduced in the year 1910 by which the control of vaccination in one district of each Registration circle is exercised by the Local Board of that District was continued throughout the triennium.

2. *Changes in area and administration.*—Vaccination of the civil population in the Belgaum Cantonment was handed over by that Committee to the Public Health Department on 1st June 1923. The Municipality of Karachi took over control of vaccination in Karachi town from the Assistant Director of Public Health, Sind Registration District, from 1st April 1923. The control and supervision of vaccination in Sachin State was withdrawn as per Government Resolution, General Department, No. 2125, dated 18th July 1924. The Administrator, Chhota Udepur State, expressed his desire to separate Chhota Udepur Head Quarter station of the State from the charge of the Chhota Udepur North Divisional Vaccinator and place it in charge of a qualified vaccinator under the direct supervision of the Chief Medical Officer of the State. Nagothna in Kolaba District ceased to exist as a separate Mahal. The villages in the Nagothna Mahal have been included in the Pen and Roha Talukas. The States of Western India—Kathiawar, Cutch and Palanpur are now in direct relations with the Government of India. In the year 1925-26, 1,985 villages are said to have been depopulated in Sind. The number of villages depopulated in 1923-24 and 1924-25 was 1,866 and 2,077 respectively. The reporting of vaccination results in Bushire has been discontinued at the request of the Residency Surgeon there for the reason that "Bushire is a purely Persian town administered by Persian officials who keep no records of any kind and the preparation of a return worth anything is impossible". Similarly it is difficult to follow the results of vaccination work in Muskat, an Arab State, in which there are no rules for the vaccination of the people. The Agency Surgeon, Muskat, reports that "whenever there is an epidemic of small-pox, His Highness the Sultan's Government make their own arrangements for vaccination of the people in the interior of the country the records for which are not kept. In the case of the town of Muskat the vaccinations are arranged for by the Agency Surgeon but since most of the people continue shifting either to the interior of the country or to other places it becomes very difficult to follow the results. Two hundred persons were vaccinated in the Agency Hospital, Muskat, during the year 1925-26. People as a rule do not come for revaccinations and hence all the vaccinations may be considered primary."

3. *Changes in supervising staff.*—The following table shows the various officers who held the appointments of Director and Assistant

Directors of Public Health and the Director, Vaccine Institute, Belgaum, during the triennium :—

Appointment.	Name.	Period.	Remarks.
Director, Public Health ..	Lieut.-Colonel W. O'S. Murphy, I.M.S.	30th March 1924 to 10th February 1926.	
	Lieut.-Colonel H. M. H. Melhuish, D.S.O., I.M.S.	1st April 1923 to 20th March 1924 and 11th February 1926 to 31st March 1926.	Acting.
Assistant Director of Public Health, Western Registration District.	Dr. J. D. Munshi, D.P.H.	1st April 1923 to 31st March 1926.	
Assistant Director of Public Health, Central Registration District.	Dr. Accacio da Gama, D.P.H.	3rd April 1923 to 31st March 1926.	
	Dr. J. L. Pinto, D.P.H...	1st and 2nd April 1923.	Acting.
Assistant Director of Public Health, Guzerat Registration District.	Dr. R. V. Shiveshwarkar, D.P.H.	1st to 6th April 1923.	
	Dr. J. L. Pinto, D.P.H...	7th April 1923 to 18th June 1925.	
	Dr. K. A. Gandhi, D.P.H.	19th June 1925 to 31st March 1926.	
Assistant Director of Public Health, Sind Registration District.	Dr. F. Barretto, D.P.H..	1st April 1923 to 15th April 1923 and 18th September to 17th November 1925.	In addition to his own duties.
	Dr. R. V. Shiveshwarkar, D.P.H.	16th April 1923 to 17th September 1925 and 18th November 1925 to 31st March 1926.	
Assistant Director of Public Health, Southern Registration District.	Dr. R. D. Dalal, D.P.H..	1st April 1923 to 6th April 1924.	In addition to his own duties from 26th October 1923.
	Dr. K. A. Gandhi, D.P.H.	7th April 1924 to 13th June 1925.	
	Lieut.-Colonel H. M. H. Melhuish, D.S.O., I.M.S.	14th to 23rd June 1925.	In addition to his own duties.
	Dr. J. L. Pinto, D.P.H...	24th June 1925 to 31st March 1926.	
Director, Vaccine Institute, Belgaum.	Dr. R. W. Fisher, D.P.H.	1st April 1923 to 25th October 1923.	
	Dr. R. D. Dalal, D.P.H.	26th October 1923 to 5th April 1925.	
	Lieut.-Colonel H. M. H. Melhuish, D.S.O., I.M.S.	6th April 1925 to 3rd February 1926.	
	Dr. J. L. Pinto, D.P.H...	4th February to 31st March 1926.	In addition to his own duties.

The death of Dr. Fisher in October 1923 was a grievous loss to the Institute and to vaccination in general. He was the first Director of the Institute and devoted his untiring energy and many talents to the very special work of his appointment. His conduct of the Institute and his technical work drew expressions of appreciation from officials, medical scientists and many others.

4. *Changes in the strength of establishment.*—The combined post of Inspector of Kurundwad Junior and Senior States was done away with

and the inspection work was arranged for separately by each State. The former entertained an independent Inspector while in the Senior State it was entrusted to the respective medical officers of Taluka Dispensaries as an experimental measure. One extra candidate on Rs. 15 per mensem was entertained by the District Local Board, Bijapur for a period of two months for vaccination work in severely affected places. One extra vaccinator was engaged in Surat town for two months to push on vaccination work, while small-pox was severe in the district. In the year 1924 Bhor State strengthened their staff by appointing a candidate vaccinator. The original permanent vaccination establishment in Thar and Parkar District consisted of 12 vaccinators and one candidate vaccinator. This was reduced by five vaccinators and one candidate from 1st December 1923. Five additional vaccinators were, however, appointed for six months from April 1925 and this establishment continued for a further period of six months up to 31st March 1926, one more vaccinator being appointed from 12th February of this year. As a small-pox epidemic prevails in the district, this additional establishment has been retained for a further period of six months. In all six additional vaccinators have been appointed in Thar and Parkar District during the year 1925-26. At the request of the Assistant Director of Public Health and the Collector of Thar and Parkar, the permanent establishment consisting of 15 vaccinators, one candidate vaccinator and one temporary candidate vaccinator has now been sanctioned by the District Local Board.

In Aden four male and three female vaccinators were engaged temporarily during a small-pox epidemic.

At the Vaccine Institute, a qualified medical man, and a veterinary graduate with qualifications in Hygiene and Bacteriology, were employed as Assistant Superintendents.

In some of the vacancies that have arisen in Inspectors' posts, medical men with Sanitary Inspectors' qualifications are being engaged as a trial measure.

Primary Vaccination (Appendix I, Statements I and III)

5. During the year 1925-26, 673,235 persons were primarily vaccinated against 623,209 in the previous year and 631,850 in 1923-24. On the whole there is an increase, but by Registration Circles a decrease is observed in the Southern and Central Circles and in Bombay City. The decrease in Bombay City is due to an unprecedented number of vaccinations having been performed during the past two years. The decrease in the Southern Registration District is attributable chiefly to the prevalence of plague which besides sickness and mortality gave rise to fluctuation of population. The decrease in the Central Registration District is attributed to low birth-rate and prevalence of whooping cough in some villages.

The average annual number of successful cases during the triennium was 556,544 against 530,632 in the previous triennial period, an increase of 25,912. The percentage of successful cases in which the results were checked was 99·58 against 99·71 in 1924-25 and 99·72 in 1923-24. The

average annual number of vaccinations performed together with the average annual success rate for the last three triennial periods are shown below :—

Periods.	Average annual number.	Average annual success rate.
1917—1920 ..	639,034	99·59
1920—1923 ..	601,881	99·64
1923—1926 ..	628,969	99·67

The percentage of unknown cases for the Presidency excluding Aden during the year 1925-26 was 10·07 against 9·53 in the previous year while for Aden it was 91·50 against 92·75. The average annual percentage for the triennium being 12·39 against 11·53 in the previous triennium.

Re-Vaccination (Appendix I, Statements I and III)

6. During 1925-26, 135,996 persons were re-vaccinated against 114,231 in the previous year and 112,268 in 1923-24. The annual average number of persons re-vaccinated during the triennium was 120,832 against 102,421 in the preceding triennium, showing an increase of 18,411. The number of successful re-vaccinations was 30,680 during 1925-26 against 26,114 in 1924-25 and 25,906 in 1923-24. The average number of successful re-vaccinations was 27,566 during the triennium against 24,762 in the preceding triennial period. By Registration Circles the decrease is noticeable in Gujarat and Central Registration Districts and it is attributable to the apathy of the public towards re-vaccination. In Karachi District the decrease is attributed to fewer pilgrims being re-vaccinated during the year under report.

7. *Vaccination of Pilgrims at Karachi.*—A temporary vaccination establishment consisting of one male and one female vaccinator, one clerk and a coolie was entertained in Karachi town for the vaccination of pilgrims proceeding to Hedjaz, by whom 2,803 pilgrims were re-vaccinated, the total expenditure being Rs. 621-11-4 against Rs. 708 in the previous year.

Vaccination in Indian States (Appendix II, Statement I)

8. In the Indian States shown in Appendix II, there were 74,783 persons primarily vaccinated against 75,577 in the previous year and 72,291 in 1923-24. The average number of successful cases was 73,542 against 53,320 in the preceding triennium. Considering only those cases in which the results were definitely ascertained the percentage of success was 99·77 against 99·74 in 1924-25 and 99·40 in 1923-24.

Re-vaccinations numbered 6,315 against 4,966 in the previous year and 3,536 in 1923-24. The success rate excluding unknown cases was 65·35 against 64·81 in the previous year. The rate of unknown results was 10·70 per cent.

9. *Total operations.*—During the year the total number of primary vaccinations performed amounted to 748,018 and of re-vaccinations 142,311 against 698,786 and 119,217 in 1924-25.

Incidence of Small-pox

10. Small-pox prevailed in a severe form during the first quarter of the year in Surat, Broach and Ahmedabad districts. This infection in Guzerat continued over from last year. It gradually died out in Broach and Kaira Districts but elsewhere it lurked on in a mild form during the second and third quarters of the year and again assumed an epidemic form in Surat District. It also appeared in Bijapur, East Khandesh, Thana, Sholapur, Larkana, Sukkur .and Aden. In Aden extensive house to house inspection and vaccination work was carried out vigorously with the assistance of an additional temporary establishment engaged for the purpose.

Failure to notify the appearance of infection until the epidemic was well established and beyond control occurred as usual in a number of places.

11. *Vaccination Campaighs.*—Vaccination campaigns were conducted in mills and schools and it is hoped that the number of unprotected children of school going age will be reduced to a minimum. The scheme drawn up during the year 1924-25 for the periodical inspection of Police Lines and out posts and vaccination of all children was carried out by vaccinators in all Registration Circles. At big fairs vaccinators were directed to push on primary and re-vaccination in and around the fair centres well in advance of the festivals with a view to keep these places free from small-pox; as a result, all fair centres excaped infection.

VACCINE INSTITUTE, BELGAUM

12. *Repairs.*—No new buildings were constructed—A verandah was added to the power house on the eastern side and a platform was constructed in well No. 1 to facilitate repairs to the pumping machinery being carried out.

Refrigerating plant and machinery.—A breakdown which occurred in the previous year necessitated a new cylinder and connecting rod. These were received from England and fitted up bringing the engine again into commission.

A serious breakdown in the Gardener engine occurred which was attended to by the Electrician in charge as promptly as possible. The three engines are old, noisy and liable to break down and it is time that they were replaced by up-to-date engines. A proposal is, however, under consideration to obtain current from the military power station in Belgaum Cantonment.

The repairs carried out to the cold storage with a view to improving insulation, etc., have proved very satisfactory. The average morning and evening temperature readings have been 14·69°F. and 11·70°F. respectively. The maximum temperature reached during the year was 18°F. while a daily minimum of 10°F. was always obtained.

The experiment of keeping the lymph in cold storage under these temperatures for much longer periods than formerly is being carried out.

Drainage.—The drainage system has continued to work satisfactorily. Care is exercised to maintain the efficiency of the drains. The land used as a sewage farm was under the management of the Institute staff. Crops of lucern were grown and used for feeding the calves and rabbits. Banana trees served to absorb the surplus effluent during the summer months. Jwari and bajree were also grown for fodder during the rains. It may be noted that during this summer the effluent was considerably reduced owing to some scarcity in water which necessitated curtailing the supply generally.

Water-supply.—By observing strict economy in the consumption of water and by curtailing the supply, the scarcity referred to above was just got over. No water carts were engaged to supplement the ordinary supply, as has been necessary on previous occasions.

This question of water-supply is one of the most important points requiring consideration. The supply from the two pucca wells is undoubtedly insufficient to meet all the demands of the Institute. The new well does not seem to have answered expectations and the yield from both shows a gradual tendency to decrease. This is probably due to a rapid extension of Belgaum Town towards the Institute where an extensive area at a somewhat lower level than the Institute is being built over and a large number of wells have been sunk. These are probably affecting the supply of the present Institute wells. The best means of supplementing the existing supply is under consideration.

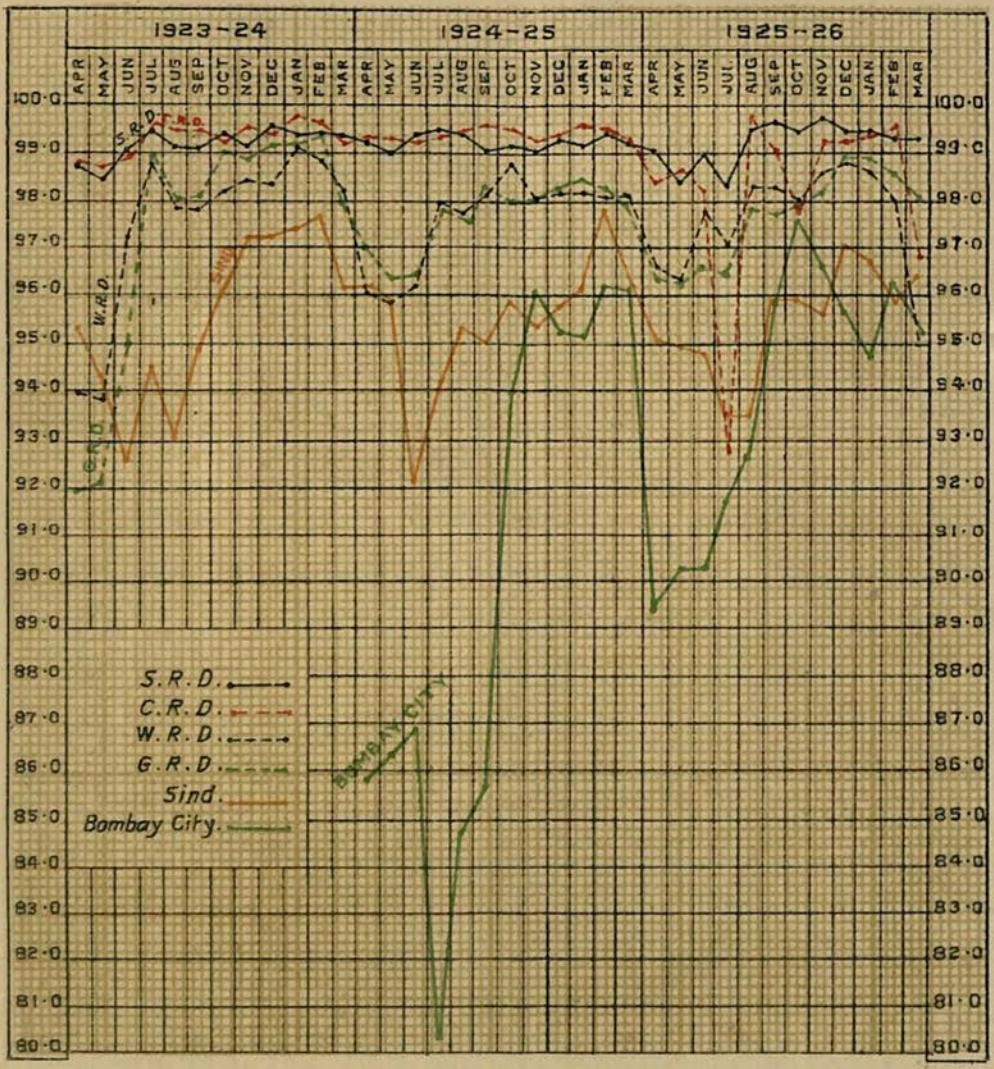
Supply of calves.—The practice of obtaining calves on hire from local butchers was continued. This system is not without its drawbacks as the Institute is dependent on the caprice of these " contractors ". There being no actual contract if it does not suit them to buy calves for any reason, no calves are forthcoming. A crisis of this nature occurred during the year and the Institute authorities were compelled to buy 52 calves themselves in the open market which put them to a deal of unnecessary troubles there being no staff for this purpose. With the help of the Cantonment Magistrate, however, the difficulty was overcome, and by November a large supply of calves was obtained from the contractors.

Cattle Disease.—No epizootic occurred during the year 1923-24. In 1924-25 an outbreak of Rinderpest caused heavy loss to the Institute with 47 cases and 34 deaths. During the year under report a second small outbreak of Rinderpest occurred among the calves in the month of May. The exact source of infection could not be definitely traced. In all 6 cases and 3 deaths occurred before the outbreak was brought under control.

A system of notification of infectious cattle diseases by the Civil Veterinary Department was observed during the year. On receipt of the notification the calf contractors are informed in order that they may not buy animals from infected villages.

Three calves were bitten by snakes. They were immediately treated with Anti-Venin inoculations. Two were saved and one died.

Insertion success rates of Primary Vaccinations with glycerinated lymph in the Several Registration Districts of the Presidency and Bombay city for the years 1923 - 24 , 24 - 25 & 25 - 26.


1923-24
1924-25
1925-26
APR MAY JUN JUL AUS SEP OCT NOV DEC JAN FEB MAR
APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR
APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR
100·0 99·0 98·0 97·0 96·0 95·0 94·0 93·0 92·0 91·0 90·0 89·0 88·0 87·0 86·0 85·0 84·0 83·0 82·0 81·0 80·0
S.R.D.
C.R.D.
W.R.D.
G.R.D.
Sind.
Bombay City.
BOMBAY CITY

Lymph-supply.—Strict and careful selection of vesicles on calves at the time of collection of pulp helped to maintain the quality of lymph at a uniform level.

The potency of seed lymph was maintained at a high level by passage through rabbits. Alternate passage of a strain from calf to rabbit and rabbit to calf without waiting for deterioration of lymph was found to be effective. The quality of lymph continued as usual to be satisfactory giving case success rates of over 99 per cent.

Tests of potency of lymph before issue.—The practice of testing the potency of every lymph manufactured in the Institute before issue was continued during the year.

Distribution of lymph.—1,215,785 doses of lymph were issued during the year as against 1,177,570 and 1,184,957 during 1924-25 and 1923-24 respectively. Besides the vaccinators of the Presidency, lymph was supplied to Baroda, Kotah, Jhalwar, Kathiawar, Palanpur, Mahikantha Agencies and Idar States. Civil Medical Officers and others in Zanzibar, Aden, Portuguese Territory, Persian Gulf and Arabia—were supplied with 106,735 doses of lymph; and Military Medical Officers with 30,790 doses.

The results of primary vaccinations performed by the vaccinators were very thoroughly inspected. A chart showing the results of monthly primary vaccinations in the five Registration Districts for 3 years and in the Bombay City for two years is attached.

Expenditure.—The total expenditure for the year amounted to Rs. 60,766-11-0 excluding expenditure on cold store and annual repairs to buildings as against Rs. 60,647-12-2 last year. This shows an increase of expenditure (Rs. 118-14-10) over the previous year. It is to be noted, however, that the amount of lymph manufactured was far in excess of previous years, a balance of 468,590 doses of lymph being carried over to next year. The net expenditure after deducting sale proceeds from non-contributing constituents was Rs. 34,519,-15-9 against Rs. 40,129-3-10 in the previous year. The cost of lymph per dose manufactured was 11·14 pies and the cost per dose despatched 15·50 pies.

The work of the Vaccine Institute, Belgaum, during the year under report was, therefore, very satisfactory.

The following are the requirements of the Institute and they are mentioned below in order of their urgency:—

(1) Utilizing the existing kutcha well on the premises as a supplemental source of water-supply, since the present source is becoming inadequate. It is proposed to have this well masonry built and provided with a motor pump, pipe connections, etc.

(2) A suitable and sanitary rabbit house.

(3) Additional quarters for the staff.

(4) A new school house with accommodation for 50 boys.

(5) Lecture Hall.

(6) Hostel for vaccinators and graduates attending the special training classes held at the Vaccine Institute, Belgaum.

On April 6th, 1925, Dr. R. D. Dalal went on six months' leave preparatory to retirement after over 27 years' valuable service of which the last 1 year, 5 months and 11 days were spent as Director of the Vaccine Institute.

Lymph in Use

13. The quality of lymph supplied from the Belgaum Vaccine Institute was excellent, no other lymph being used in the Registration Circles. The following table shows the results of vaccinations performed in 1925-1926.

Districts.	Number of operations.		Successful excluding unknown.
	Primary.	Re-vaccination.	Primary.
Western Registration District	142,367	5,470	114,999
Bombay City	18,866	8,878	17,600
Central Registration District	142,688	4,858	126,061
Southern Registration District	103,088	49,760	100,856
Guzerat Registration District	125,229	5,786	113,649
Sind Registration District	99,138	11,736	93,438

District.	Successful excluding unknown.	Percentage of success.	
	Re-vaccination.	Primary.	Re-vaccination.
Western Registration District	1,128	99·70	27·12
Bombay City	1	99·18	100·00
Central Registration District	1,852	99·95	54·07
Southern Registration District	15,020	99·94	42·12
Guzerat Registration District	1,440	99·61	34·30
Sind Registration District	1,961	99·85	33·47

14. *Cost of Vaccination.*—The cost of vaccination came to Rs. 6,25,016 against Rs. 6,15,187 and Rs. 6,18,353 in the years 1924-25 and in 1923-24 respectively. The rise is due to increased rate of Government subsidy on account of the time-scale pay of vaccinators and paid candidates, to pony allowance, and to the maintenance of a temporary establishment in the Thar Parkar District.

The average cost of each successful case of vaccination was Rs. 1-0-10 against Rs. 1-1-2 in the previous year and Rs. 1-1-1 in 1923-24.

The average annual expenditure for the triennium amounted to Rs. 6,19,519 against Rs. 6,09,892 in the preceding triennium, whilst the average number of successful primary and re-vaccinations (excluding vaccinations at dispensaries) came to 581,657 against 550,735, the average cost per each successful case during the triennium being Rs. 1-1-0 against Rs. 1-1-9 in the last triennium.

15. *Inspection work of the Assistant Directors of Public Health and Inspectors of Sanitation and Vaccination.*—The Assistant Directors of Public Health inspected 23,813 vaccinated persons or 4·01 per cent. of the total in 1925-26 against 27,749 in the previous year; of these 309 were re-vaccinations. The success rates observed by these inspections worked out at 94·86. The annual average number of inspections for the triennial period was 24,009 against 20,147 in the previous triennium.

The Assistant Directors visited 538 towns and villages and travelled 23,813 miles during the year 1925-26.

The Inspectors of Sanitation and Vaccination inspected 207,326 vaccinated persons in 9,140 towns and villages and travelled 73,580 miles in 1925-26.

Thus the results of 231,139 vaccinations or 40·62 per cent. were checked by examination. The success rate of primary vaccinations as ascertained by the Assistant Directors of Public Health was 94·86 and by Inspectors 96·11 as against 97·94 and 98·93 respectively, in the previous year.

Compulsory Vaccination

16. The Compulsory Vaccination Act has been newly introduced in the Ahmednagar and Belgaum Cantonments and in Dhulia Town.

By proclamation of the Rajpipla State authorities in 1925 vaccination was made compulsory as a temporary measure in Avidha village of Jhagadia Taluka where a severe form of small-pox had become prevalent. A special vaccinator was also requisitioned. The proclamation was extended to three other villages and to Rajpipla and Bhalod towns and was in force throughout the year.

The compulsory Vaccination Act is in force in the following towns.—Bombay, Bandra, Kurla, Ahmedabad, Karachi, Hyderabad, Sukkur, Rohri, Larkana, Deolali Cantonment, Ahmednagar Cantonment, Belgaum Cantonment, Dhulia town and Aden.

Bombay.—In Bombay City the Act has been in force for the last 48 years. The following table shows the progress made in the protection of infants during the last eight years and the annual average number of

vaccinations performed during the two years preceding and the four decennial periods succeeding the introduction of the Act. :—

Years.	Births returned as having been registered.	Deaths registered among children under one year.	Children available for vaccination.	
			Births *minus* deaths.	At the rate of 31 per 1,000 of population.
1	2	3	4	5
Average 1876-77 and 1877-78	13,593	6,980	6,613	19,077
Average from 1878-79 to 1887-88 ..	15,054	6,072	8,982	22,771
Average from 1888-89 to 1897-98 ..	14,947	6,054	8,293	25,023
Average from 1898-99 to 1907-08 ..	16,059	9,319	6,740	25,733
Average from 1908-09 to 1917-18 ..	20,432	8,132	12,201	30,347
1918-19	21,098	13,268	8,230	30,362
1919-20	19,875	12,504	7,371	30,362
1920-21	19,731	10,896	8,835	30,362
1921-22	19,125	12,751	6,374	36,453
1922-23	20,452	8,236	12,216	36,453
1923-24	20,095	8,632	12,363	36,453
1924-25	21,838	9,156	12,682	36,453
1925-26	20,268	7,212	13,056	36,453

Years.	Children under one year successfully vaccinated.		
	Number.	Ratio per 100 on those in column 4.	Ratio per 100 on those in column 5.
1	6	7	8
Average 1876-77 and 1877-78 ..	8,526	128·93	42·68
Average from 1878-79 to 1887-88 ..	11,894	132·42	52·53
Average from 1888-89 to 1897-98 ..	13,879	167·36	55·46
Average from 1898-99 to 1907-08 ..	11,494	170·54	44·67
Average from 1908-09 to 1917-18 ..	14,348	117·57	47·28
1918-19	11,378	138·19	37·45
1919-20	9,809	133·08	32·31
1920-21	11,227	127·07	36·98
1921-22	12,856	201·69	35·27
1922-23	11,829	96·83	32·45
1923-24	12,034	97·34	33·01
1924-25	12,826	101·14	35·18
1925-26	12,025	92·10	32·99

Karachi.—In Karachi City, the Compulsory Vaccination Act has been in force for 46 years and the following table shows the average number of vaccinations performed for the four decennial periods together with details for the last six years :—

Years.	Births returned as having been registered.	Deaths registered among children under one year.	Children available for vaccination.	
			Births *minus* deaths.	At the rate of 31 per 1,000 of population.
1	2	3	4	5
Average from 1880-81 to 1889-90 ..	3,134	720	2,414	2,118
Average from 1890-91 to 1899-1900 ..	4,180	1,254	2,926	3,201
Average from 1900-01 to 1909-10 ..	5,515	1,554	3,961	3,476
Average from 1910-11 to 1919-20 ..	6,535	1,708	4,826	3,605
1920-21	7,465	1,818	5,647	4,681
1921-22	8,076	2,137	5,939	6,696
1922-23	7,194	1,768	5,426	6,696
1923-24	8,841	1,904	6,937	6,961
1924-25	8,534	2,146	6,388	6,961
1925-26	9,366	2,082	7,284	6,961

Years.	Children under one year successfully vaccinated.		
	Number.	Ratio per 100 on those in column 4.	Ratio per 100 on those in column 5.
1	6	7	8
Average from 1880-81 to 1889-90 ..	2,912	120·63	137·49
Average from 1890-91 to 1899-1900 ..	3,061	104·61	93·87
Average from 1900-01 to 1919-10 ..	3,704	93·51	106·56
Average from 1910-11 to 1919-20 ..	4,282	88·73	118·77
1920-21	4,645	82·20	99·23
1921-22	4,712	79·34	70·37
1922-23	4,311	79·46	64·39
1923-24	5,437	78·38	78·10
1924-25	5,214	81·62	74·90
1925-26	5,487	75·03	78·82

Ahmedabad.—The following table shows the progress of vaccination work made in Ahmedabad City where the Compulsory Vaccination Act has been in force for the last 13 years :—

Years.	Births returned as having been registered.	Deaths registered among children under one year.	Children available for vaccination.	
			Births *minus* deaths.	At the rate of 31 per 1,000 of population.
1	2	3	4	5
Average from 1913-14 to 1922-23 ..	8,994	3,130	5,864	7,690
1923-24	11,058	3,291	7,767	8,387
1924-25	11,141	3,829	6,683	8,387
1925-26	11,238	3,627	7,611	8,387

Years.	Children under one year successfully vaccinated.		
	Number.	Ratio per 100 on those in column 4.	Ratio per 100 on those in column 5.
1	6	7	8
Average from 1913-14 to 1922-1923 ..	6,594	112·45	99·08
1923-24	7,323	94·28	87·31
1924-25	6,991	104·61	83·36
1925-26	7,999	105·10	95·37

The percentage of children under one year successfully vaccinated in Sukkur, Rohri and Larkana towns was 57 in 1925-26 against 59 in 1924-25.

In Hyderabad the percentage was 41 against 45 in the last year.

With the exception of Ahmedabad and Karachi, the bye-laws regarding registration of Births and Deaths were not enforced in the towns, the result being that several births escaped registration. The number of children available for vaccination, therefore, remained concealed. This accounts for the small number of children successfully vaccinated under one year. Moreover there is opposition to vaccination in some of the towns in Sind and applications have been made for the removal of the Compulsory Vaccination Act.

244 persons were prosecuted in Karachi town for not getting their children vaccinated of which 56 were fined, 16 warned and discharged while 21 cases remained pending. The amount realised from fines was Rs. 79. In Hyderabad town 17 persons were prosecuted of whom 3

were fined while 2 cases are still pending. The amount realised from fines was Rs. 20. In Sukkur 5 persons were prosecuted, of these 2 were fined, the amount realised being Rs. 12.

In Deolali Cantonment the Act was introduced in August 1915. During the triennial period under review the average annual number of primary vaccinations performed was 175 against 102 in the preceding triennium.

In Aden the Compulsory Vaccination Act came into force on 28th December 1916. During the year 1925-26, 41,030 primary and 40,760 re-vaccinations were performed against 10,260 and 5,376 during the preceding year. Four male and three female vaccinators were temporarily engaged during a small-pox epidemic. 21 attacks and 5 deaths from small-pox occurred during the year against 27 attacks and 2 deaths in 1924-25. The average annual number of primary vaccinations performed during the triennial period was 22,295 against 17,089 in the last triennium. The increase is due in main to the occurrence of this small-pox epidemic and partly to the enlargement in the vaccination establishment.

17. The following is a list of towns in which the Compulsory Vaccination Act has been applied and shows the number of deaths from small-pox in those towns during six years :—

Name.	Population.	Children available for vaccination.		Number of children under one year successfully vaccinated.
		Births *minus* deaths of children under one year.	At the rate of 31 per 1,000 of population.	
Bombay City	1,175,914	20,268	36,453*	12,025
Bandra	27,411	597	907	500
Kurla	26,059	371	807	611
Ahmedabad	270,775	11,238	8,387	7,999
Ahmedabad Cantonment ..	3,232	19	100	....
Karachi	216,883	9,366	6,961	5,487
Hyderabad	73,951	2,761	2,512	747
Sukkur	42,759	1,194	1,340	565
Rohri	11,378	327	308	189
Larkana	17,723	620	572	263
Deolali Cantonment ..	18,789	22	582	21
Dhulia	30,605	1,098	948	885
Nagar Cantonment ..	10,997	231	340	12
Belgaum Cantonment	6,889	36	213	132
Aden	56,500	771	1,751	130

* The calculated figure is probably slightly in excess for Bombay City owing to unusual sex distribution of the population.

Name.	Number of deaths from Small-Pox.					
	1920-21.	1921-22.	1922-23.	1923-24.	1924-25.	1925-26.
Bombay City	335	482	188	785	1,096	408
Bandra	5	4	..	7	19	8
Kurla	....	5	1	7	10	3
Ahmedabad	32	48	1	159	662	93
Ahmedabad Cantonment ..	..	..	..	..	1	..
Karachi	39	126	116	40	136	55
Hyderabad	30	..	6	213	123	8
Sukkur	4	..	2	..	1	47
Rohri	1	..	1	1	1	5
Larkana	..	1	..	..	3	25
Deolali Cantonment ..	..	..	..	5	..	....
Dhulia	..	..	..	209	6	3
Nagar Cantonment ..	..	..	..	..	..	1
Belgaum Cantonment ..	..	4	4	2	1	....
Aden	1	2	69	6	2	5

18. A statement showing the number of vaccinations under one year of age in Municipal Towns is attached as Appendix III.

19. No ill-effects after vaccination were reported during the year.

20. A Diagram illustrating the proportion of population protected by vaccination during the seven-year periods ending with each of the three years of the triennial period is given as Appendix IV.

General

21. As usual a class was held from 1st July to 30th September 1925 at the Vaccine Institute, Belgaum. Of nine candidates who attended the class, seven passed. Four Inspectors of Sanitation and Vaccination were trained in the process of manufacture and preparation of lymph and in practical vaccination work. Two candidates for Inspectors' and five for vaccinators' posts were tested by the Assistant Director of Public Health, Southern Registration District.

The Collector of Thar Parkar issued a circular requiring all Revenue officials, Zamindars and other respectable persons to help in the cause of vaccination. A proposal was submitted by the Collector to maintain vaccination registers in the villages to enable the Revenue officials to inspect them and to see the amount of work done by the vaccinators while on tour. This procedure is being adopted in Thar Parkar District and if extended to other districts would be of great value to the cause of Public Health.

H. MELHUISH, D.P.H.,
Lieut.-Colonel, I.M.S.,
Officiating Director, Public Health.

Poona, 31st July 1926.

APPENDICES

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	WESTERN REGISTRATION DISTRICT.			
	EAST KHANDESH COLLECTORATE—			
1	Chopda Town (Municipal)	16,930	11,338	1
2	Nasirabad do. (Local Fund)... ...	12,188	.....	.....
3	Jalgaon do. (Municipal)	23,710	66	1
4	In the 13 Rural circles. Local Fund ... / Municipal ...	1,023,009	224	18
	Total ...	1,075,837	236	20
	WEST KHANDESH COLLECTORATE—			
5	Dhulia Town (Municipal)	30,605	52	1
6	Nandurbar do. (do.)	13,842	.....	1
7	In the 8 Rural circles. Local Fund ... / Municipal ...	597,400	109	12
	Total ...	641,847	118	14
	NASIK COLLECTORATE—			
8	Nasik Town (Municipal)	42,756	.....	1
9	Yeola do. (do.)	13,911	8,137	1
10	Malegaon do. (do.)	23,711	980	1
11	Deolali Cantonment	18,789	24	.....
12	In the 12 Rural circles, Local Fund ...	733,409	124	17
	Total ...	832,576	142	20
	THANA COLLECTORATE—			
13	Thana Town (Municipal)	22,639	2,227	1
14	Kalyan do. (do.)	17,829	12,600	1
15	In the 9 Rural circles, Local Fund ...	719,448	205	17
	Total ...	759,916	221	19

DIX I

No. I

Bombay Presidency during the year 1925-26

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 318	288	606	611	606	364	119	485	120
R. 2	3	5						
P. 172	159	331	1,542	331	201	51	252	79
R. 1	.....	1		844	519	99	625	216
P. 423	421	844						
R. 268	98	366						
P. 17,752	16,962	34,714	2,160	34,714	22,329	4,733	27,163	7,407
R. 502	159	661		3,465	2,227	506	2,744	713
P. 1,801	1,664	3,465						
R. 31	9	40						
P. 20,466	19,494	39,960	2,052	39,960	25,640	5,508	31,269	8,535
R. 804	269	1,073						
P. 716	755	1,471	1,533	1,471	885	249	1,136	296
R. 60	2	62						
P. 182	161	343	345	343	208	32	240	103
R 2	...	2						
P. 10,098	10,161	20,259	1,785	20,261	13,195	1,933	16,147	5,094
R. 120	39	159		981	661	108	769	208
P. 517	464	981						
R. 16	5	21						
P. 11,513	11,541	23,054	1,664	23,056	14,949	2,322	17,292	5,701
R. 198	46	244						
P. 695	805	1,500	1,545	1,500	806	313	1,124	373
R. 41	4	45						
P. 364	397	761	783	761	568	97	675	81
R. 20	2	22						
P. 358	412	770	775	770	515	58	575	192
R. 1	4	5						
P. 21	17	38	38	38	21	16	38	0
R.	.....	0						
P. 14,504	14,136	28,640	1,714	28,645	18,736	3,661	22,475	6,154
R. 378	115	493						
P. 15,942	15,767	31,709	1,614	31,714	20,646	4,145	24,887	6,800
R. 440	125	565						
P. 332	320	652	1,472	652	493	134	632	17
R. 761	59	820						
P. 128	121	249	253	249	171	76	248	0
R 3	.....	3						
P. 10,980	10,685	21,665	1,283	21,665	13,925	5,124	19,175	2,461
R. 110	34	144						
P. 11,440	11,126	22,566	1,239	23,566	14,594	5,334	20,055	2,478
R. 874	93	967						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	WESTERN REGISTRATION DISTRICT.					
	EAST KHANDESH COLLECTORATE—					
1	Chopda Town (Municipal)	5	1	2	99·78	33·33
2	Nasirabad do. (Local Fund)	1	1	0	100·00	100·00
3	Jalgaon do. (Municipal)	366	86	164	99·36	42·57
4	In the 13 Rural circles. Local Fund ...	661	181	281	99·47	47·63
	In the 13 Rural circles. Municipal ...	40	6	14	99·71	23·08
	Total ...	1,073	275	461	99·50	44·53
	WEST KHANDESH COLLECTORATE—					
5	Dhulia Town (Municipal)	63	2	0	96·68	3·23
6	Nandurbar do. (do.)	2	...	2	100·00	0·00
7	In the 8 Rural circles. Local Fund ...	159	43	92	99·87	64·18
	In the 8 Rural circles. Municipal ...	21	2	12	99·48	22·22
	Total ...	244	47	106	99·60	84·06
	NASIK COLLECTORATE—					
8	Nasik Town (Municipal)	45	12	13	99·73	37·50
9	Yeola do. (do.)	22	5	5	99·26	29·41
10	Malegaon do. (do.)	5	0	1	99·48	·00
11	Deolali Cantonment	0	0	0	100·00	...
12	In the 12 Rural circles, Local Fund ...	493	146	229	99·93	55·33
	Total ...	565	163	248	99·89	51·42
	THANA COLLECTORATE—					
13	Thana Town (Municipal)	820	282	256	99·53	50·00
14	Kalyan do. (do.)	3	1	0	99·60	33·33
15	In the 9 Rural circles, Local Fund ...	144	52	55	99·85	53·43
	Total ...	967	335	311	99·84	51·07

No. I--*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
28·71	19·80	40·00	310	18·31	4	·23
20·76	23·86	00	252	20·67	0	...
29·99	25·59	44·93	480	20·25	0	...
29·42	21·04	42·51	23,898	23·36	389	·38
	20·58	35·00				
29·52	21·36	43·00	24,940	23·18	393	·37
37·18	20·12	00	856	27·97	71	2·32
17·34	30·03	100·00	365	26·61	5	·36
26·70	25·14	57·86	14,224	23·81	349	·58
	21·20	57·14				
27·01	24·73	43·44	19,982	24·54	425	·66
26·57	24·20	28·88	1,152	26·94	12	·28
48·88	10·64	22·72	433	31·12	5	·36
24·25	24·93	20·00	597	25·18	70	2·95
2·02	0·00	0·00	169	8·99	1	·05
30·84	21·47	49·45	19,207	26·19	178	·24
30·09	21·44	43·89	21,551	25·88	266	·32
40·37	2·61	31·22	930	41·08	5	·22
13·97	...	...	412	23·11	12	·67
26·72	11·36	38·19	16,554	23·01	174	·24
26·83	10·98	32·16	17,971	23·65	191	·25

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	WESTERN REGISTRATION DISTRICT —*contd.*			
	BOMBAY SUBURBAN DISTRICT—			
16	Bandra Town (Municipal)	29,271	...	1
17	Kurla do. (do.)	26,059	...	1
18	Santacruz Cantonment	6,953	...	...
19	In the 2 Rural circles, Local Fund ...	91,943	...	2
	Total ...	154,226	...	4
	KOLABA COLLECTORATE—			
20	Panwel Town (Local Fund)	8,625	47	...
21	Alibag do. (do.)	5,274	89	...
22	Mahad do. (do.)	7,192	7,164	...
23	In the 8 Rural circles, Local Fund ...	541,851	249	14
	Total ...	562,942	252	14
	NATIVE STATES—			
24	Jawhar	49,662	161	1
25	Surgana	14,912	41	1
	Total ...	64,574	182	2
	TOTAL BY ESTABLISHMENT IN WESTERN REGISTRATION DISTRICT.			
	Local Fund	3,728,151	172	79
	Municipal	273,451	...	12
	Cantonment	25,742	...	...
	Native States	64,574	163	2
	Grand Total ...	4,091,918	182	93

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 435	371	806	1,141	806	500	274	806	0
R. 132	203	335						
P. 628	602	1,230	1,270	1,230	611	175	833	397
R. 22	18	40						
P. 14	11	25	1,973	25	13	8	23	0
R. 1,866	82	1,948						
P. 1,533	1,376	2,909	1,485	2,909	1,722	870	2,656	251
R. 48	14	62						
P. 2,610	2,360	4,970	1,839	4,970	2,846	1,327	4,318	648
R. 2,068	317	2,385						
P. 100	94	194	194	194	91	41	132	61
R. 0	0	0						
P. 117	90	207	208	207	135	55	195	12
R. 0	1	1						
P. 63	55	118	119	118	51	58	109	9
R. 0	1	1						
P. 8,851	8,610	17,461	1,262	17,462	11,079	3,861	15,002	2,409
R. 166	43	209						
P. 9,131	8,849	17,980	1,299	17,951	11,356	4,015	15,438	2,491
R. 166	45	211						
P. 841	841	1,682	1,663	1,682	1,067	287	1,374	307
R. 1	0	1						
P. 209	229	438	462	438	240	123	366	72
R. 21	3	24						
P. 1,050	1,070	2,120	1,072	2,120	1,327	410	1,740	379
R. 22	3	25						
P. 64,170	62,328	126,498	1,623	126,506	81,464	20,387	102,306	23,937
R. 1,325	406	1,731						
P. 6,897	6,781	13,678	1,287	13,678	8,533	2,240	10,692	2,716
R. 1,359	407	1,766						
P. 35	28	63	2,011	63	34	24	61	0
R. 1,866	82	1,948						
P. 1,050	1,070	2,120	1,072	2,120	1,327	410	1,740	379
R. 22	3	25						
P. 72,152	70,207	142,359	1,590	142,367	91,358	23,061	114,999	27,032
R. 4,572	898	5,470						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	WESTERN REGISTRATION DISTRICT —*contd.*					
	BOMBAY SUBURBAN DISTRICT—					
16	Bandra Town (Municipal)	335	118	26	100·00	38·19
17	Kurla do. (do.)	40	17	23	100·00	100·00
18	Santacruz Cantonment	1,948	49	0	92·00	2·52
19	In the 2 Rural circles, Local Fund ...	62	42	16	99·62	91·30
	Total ...	2,385	226	65	99·91	9·74
	KOLABA COLLECTORATE—					
20	Panwel Town (Local Fund)	0	0	0	99·24	...
21	Alibag do. (do.)	1	0	0	100·00	·00
22	Mahad do. (do.)	1	0	1	100·00	·00
23	In the 8 Rural circles, Local Fund ...	209	69	110	99·65	69·69
	Total ...	211	69	111	99·66	69·00
	NATIVE STATES—					
24	Jawhar	1	0	1	99·93	·00
25	Surgana	24	13	7	100·00	76·47
	Total ...	25	13	8	99·94	76·47
	TOTAL BY ESTABLISHMENT IN WESTERN REGISTRATION DISTRICT.					
	Local Fund	1,731	534	784	99·74	56·89
	Municipal	1,766	532	518	99·36	42·63
	Cantonment	1,948	49	0	96·83	2·52
	Native States	25	13	8	99·94	76·47
	Grand Total ...	5,470	1,128	1,310	99·70	27·12

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
31·57	00	7·76	573	19·58	7	·24
32·62	32·27	57·50	476	18·27	5	·19
10·35	...	...	82	11·79	0	...
29·24	8·62	25·42	1,624	17·66	10	·11
29·46	13·04	2·72	2,755	17·86	22	·14
15·30	31·44	...	115	13·33	7	·81
36·97	5·79	...	113	21·43	3	·57
15·16	7·62	100·00	151	21·00	8	1·11
27·81	13·79	52·63	12,936	23·87	178	·33
27·55	13·85	52·60	13,316	23·65	196	·35
27·66	18·25	100·00	1,213	24·43	...	...
25 42	16·44	29·16	377	25·27	...	...
27·14	17·87	32·00	1,590	24·62	...	...
27·58	90·31	47·17	87,611	23·50	1,268	·34
41·77	19·86	27·48	100,17	37·63	202	·74
4·27	·00	·00	169	6·57	1	·04
27·14	17·87	32·00	1,714	24·62	...	...
28·38	18·99	23·96	99,511	24·32	1,471	·36

STATEMENT

No.	Circles and Districts	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
26	BOMBAY CITY	1,175,914	52,146	9
	CENTRAL REGISTRATION DISTRICT.			
	AHMEDNAGAR COLLECTORATE—			
27	Ahmednagar Town (Municipal) ...	34,358	11,292	1
28	Ahmednagar Cantonment	10,997	1,648	.....
29	Sangamner Town (Local Fund) ...	12,737	23,781	.....
30	In the 12 Rural Circles (Local Fund) ...	682,986	134	17
	Total ...	741,088	125	18
	POONA COLLECTORATE—			
31	Poona City (Municipal)	133,227	23,451	2
32	Poona and Kirkee Cantonments ...	41,032	3,392	3
33	Junnar Town (Local Fund) ...	7,381	.....	.....
34	Baramati do. (do.)	11,905	.....	.....
35	Khed do. (do.)	7,013	.....	.....
36	Lonavla do. (do.)	6,337	.....	.....
37	In the 11 Rural Circles { Local Fund ... / Municipal ... }	791,659	165	15
	Total ...	998,554	184	19
	SHOLAPUR COLLECTORATE—			
38	Sholapur Town (Municipal) ...	119,347	12,269	2
39	Barsi do. (do.) ...	22,074	1,170	1
40	Pandharpur do. (do.) ...	25,210	47,583	1
41	In the 7 Rural Circles { Local Fund ... / Municipal ... }	575,606	146	11
	Total ...	742,237	163	15

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 9,375	9,491	18,866	3,083	18,866	12,025	5,500	17,600	1,120
R. 7,047	1,831	8,878						
P. 383	687	1,370	1,603	1,370	928	211	1,158	210
R. 49	184	233						
P. 226	191	417	489	417	12	7	19	398
R. 56	16	72						
P. 74	89	163	163	163	107	21	128	35
R. ...	.....	...						
P. 11,808	12,028	23,836	1,408	23,836	17,223	3,011	20,344	3,484
R. 97	5	102						
P. 12,791	12,995	25,786	1,455	25,786	18,270	3,250	21,649	4,127
R. 202	205	407						
P. 2,017	2,180	4,197	2,202	4,197	2,761	758	3,535	654
R. 45	162	207						
P. 620	558	1,178	1,443	1,178	790	187	983	195
R. 1,503	206	1,709						
P. 120	101	221	236	221	126	79	206	15
R. 12	3	15						
P. 185	181	366	369	366	260	66	326	40
R. 3	.....	3						
P. 95	129	224	240	224	168	20	188	36
R. 7	9	16						
P. 53	53	106	106	106	78	24	102	4
R. ...	.....	...						
P. 11,117	10,957	22,074	1,497	22,074	15,353	3,518	18,938	3,132
R. 364	18	382						
P. 144	122	266	372	266	170	48	221	45
R. 77	29	106						
P. 14,351	14,281	28,632	1,635	28,632	19,706	4,700	24,499	4,121
R. 2,011	427	2,438						
P. 1,636	1,628	3,264	1,681	3,264	1,958	711	2,701	554
R. 37	61	98						
P. 313	266	579	579	579	351	137	490	88
R. ...	.....	...						
P. 501	507	1,008	1,021	1,008	364	129	497	511
R. 10	3	13						
P. 8,625	8,448	17,073	1,583	17,073	11,270	3,486	14,680	2,184
R. 331	14	345						
P. 676	710	1,386	1,405	1,386	918	314	1,231	153
R. 19	.....	19						
P. 11,751	11,559	23,310	1,586	23,310	14,861	4,777	19,799	3,490
R. 397	78	475						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
26	BOMBAY CITY	8,878	1	8,877	99·18	100·00
	CENTRAL REGISTRATION DISTRICT.					
	AHMEDNAGAR COLLECTORATE—					
27	Ahmednagar Town (Municipal)	233	69	130	99·83	67·00
28	Ahmednagar Cantonment	72	14	42	100·00	46·67
29	Sangamner Town (Local Fund)	...	...	...	100·00	...
30	In the 12 Rural Circles (Local Fund) ...	102	47	49	99·93	88·68
	Total ...	407	130	221	99·95	69·35
	POONA COLLECTORATE—					
31	Poona City (Municipal)	207	61	56	99·78	40·40
32	Poona and Kirkee Cantonments ...	1,709	611	353	100·00	45·05
33	Junnar Town (Local Fund)	15	5	5	100·00	50·00
34	Baramati do. (do.)	3	3	...	100·00	100·00
35	Khed do. (do.)	16	10	3	100·00	76·92
36	Lonavla do. (do.)	...	...	...	100·00	...
37	In the 11 Rural Circles { Local Fund ...	382	291	65	99·98	91·20
	{ Municipal ...	106	37	29	100·00	48·05
	Total ...	2,488	1,018	511	99·95	58·02
	SHOLAPUR COLLECTORATE—					
38	Sholapur Town (Municipal)	98	41	33	99·67	63·08
39	Barsi do. (do.)	...	...	...	99·80	...
40	Pandharpur do. (do.)	13	6	...	100·00	46·15
41	In the 7 Rural Circles { Local Fund ...	345	127	117	99·94	55·70
	{ Municipal ...	19	6	1	99·84	33·33
	Total ...	475	180	151	99·89	55·56

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
14·97	5·94	99·99	16,443	13·98	577	·49
35·71	15·33	55·79	980	22·30	1	·03
3·00	95·45	58·33	564	28·52	.....	.....
10·05	21·47	0·00	284	51·29	.....	.....
29·89	14·62	48·04	19,178	28·08	53	·08
29·39	16·08	54·30	21,006	28·34	54	·07
26·99	15·58	27·05	3,253	24·42	156	1·17
38·85	16·55	20·66	1,374	33·48	3	·07
28·59	6·79	33·33	254	34·41	7	0·95
27·04	10·93	·00	370	31·08	1	·09
28·23	16·12	18·75	62	8·84	1	·14
16·09	3·77	·00	169	26·67	7	1·10
24·29	14·19	17·02	19,665	24·84	101	0·13
	16·92	27·36				
25·55	14·40	20·97	25,173	25·21	276	·28
22·98	16·97	63·67	2,988	25·04	72	0·60
22·50	15·20	.....	695	31·49	22	1·00
19·95	50·60	·00	560	22·21	9	0·36
28·22	12·79	33·91	15,856	27·55	31	·05
	11·04	5·26				
26·92	14·97	31·79	20,099	27·08	134	·18

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	CENTRAL REGISTRATION DISTRICT—*contd.*			
	SATARA COLLECTORATE—			
42	Satara Town (Municipal)	20,045	7,485	1
43	Wai do. (Local Fund)	10,211	4,266	.....
44	Karad do. (do.)	10,243	6,381	.....
45	Ashta do. (do.)	9,021	.....	.....
46	Islampur do. (do.)	7,916	.....	.....
47	In the 14 Rural Circles { Local Fund ... / Municipal ... }	967,974	213	19
	Total ...	1,025,410	209	20
	RATNAGIRI DISTRICT—			
48	Ratnagiri Town (Local Fund)	14,600	2,643	.....
49	Chiplun do. (do.)	11,005	.....	.....
50	Malwan do. (do.)	22,215	.....	.....
51	Vengurla do. (do.)	19,126	5,764	.....
52	In the 11 Rural Circles (Local Fund) ...	1,128,270	286	21
	Total ...	1,195,216	289	21
	TOTAL BY ESTABLISHMENT IN CENTRAL REGISTRATION DISTRICT—			
	Local F	4,201,029	185	83
	Municipal	449,467	7,979	8
	Cantonment	52,009	2,752	2
	Grand Total ...	4,702,505	.....	93

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 334	318	652	660	652	379	222	605	45
R. 5	3	8						
P. 151	110	261	261	261	190	61	256	5
R. ...	...	...						
P. 218	217	435	436	435	319	88	412	23
R. 1	...	1						
P. 81	95	176	177	176	142	24	166	10
R. 1	...	1						
P. 134	108	242	242	242	200	16	217	25
R. ...	...	...						
P. 14,612	14,108	28,720	1,538	28,720	22,651	3,584	26,375	2,331
R. 458	43	501						
P. 57	51	108	108	108	65	35	100	8
R. ...	...	...						
P. 15,587	15,007	30,594	1,555	30,594	23,946	4,030	28,131	2,447
R. 465	46	511						
P. 227	190	417	516	417	193	185	400	16
R. 88	11	99						
P. 183	166	349	349	349	217	104	323	26
R. ...	...	...						
P. 203	189	392	392	392	246	128	380	12
R. ...	...	...						
P. 112	104	216	250	216	109	90	208	8
R. 17	17	34						
P. 16,837	16,155	32,992	1,614	32,992	22,182	7,972	30,672	2,317
R. 566	328	894						
P. 17,562	16,804	34,366	1,685	34,366	22,947	8,479	31,963	2,379
R. 671	356	1,027						
P. 64,835	63,428	128,263	1,574	128,263	91,034	22,477	114,521	13,703
R. 1,945	448	2,393						
P. 6,361	6,469	12,830	1,669	12,830	7,894	2,565	10,538	2,268
R. 242	442	684						
P. 846	749	1,595	1,688	1,595	802	194	1,002	593
R. 1,559	222	1,781						
P. 72,042	70,646	142,688	1,586	142,688	99,730	25,236	126,061	16,564
R. 3,746	1,112	4,858						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	CENTRAL REGISTRATION DISTRICT—*contd.*					
	SATARA COLLECTORATE—					
42	Satara Town (Municipal)	8	2	5	99·67	66·66
43	Wai do. (Local Fund)	...	...	...	100·00	...
44	Karad do. (do.)	1	...	1	100·00	...
45	Ashta do. (do.)	1	...	1	100·00	...
46	Islampur do. (do.)	...	...	...	100·00	...
47	In the 14 Rural Circles—Local Fund ...	501	149	130	99·15	40·16
	In the 14 Rural Circles—Municipal ...	...	...	...	20·28	...
	Total ...	511	151	137	99·95	40·37
	RATNAGIRI DISTRICT—					
48	Ratnagiri Town (Local Fund)	99	7	92	99·75	100·00
49	Chiplun do. (do.)	...	...	...	100·00	...
50	Malwan do. (do.)	...	...	...	100·00	...
51	Vengurla do. (do.)	34	16	18	100·00	76·17
52	In the 11 Rural Circles (Local Fund) ...	694	350	308	99·99	59·73
	Total ...	1,027	373	413	99·99	60·75
	TOTAL BY ESTABLISHMENT IN CENTRAL REGISTRATION DISTRICT—					
	Local Fund	2,393	1,005	784	99·97	62·46
	Municipal	684	222	254	99·77	51·63
	Cantonment	1,781	625	395	100·00	45·09
	Grand Total ...	4,858	1,852	1,433	99·95	54·07

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
30·28	6·90	62·50	584	29·13	13	·65
25·07	1·91	.....	336	32·90	4	·39
40·22	5·28	100·00	259	25·28	1	·10
18·40	5·68	100·00	197	21·84	...	...
27·53	10·33	.....	268	33·86	...	...
27·51	8·11	25·95	27,594	28·51	70	·07
	1·59	.....				
27·58	10·21	26·81	29,238	28·53	88	·09
27·88	3·84	92·93	413	28·99	12	·82
29·35	7·45	.....	235	21·35	7	·64
14·83	3·06	.....	518	23·33	5	0·23
11·71	3·70	38·24	279	14·59	2	·10
27·50	7·02	34·45	30,447	26·99	197	·14
27·07	6·92	40·21	31,892	26·69	223	·19
27·48	16·07	32·76	113,955	27·13	524	·12
23·91	17·68	37·14	11,242	25·01	471	1·05
31·28	37·18	22·18	1,446	27·80	9	·17
27·20	11·61	29·50	126,643	26·93	1,004	·21

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SOUTHERN REGISTRATION DISTRICT.			
	BELGAUM COLLECTORATE—			
53	Gokak Town (Municipal)	9,989	18,184	...
54	Athni do. (do.)	13,538	15,052	...
55	Belgaum do. (do.)	36,219	69,691	1
56	Do. Cantonment (Local Fund) ...	6,889	3,369	...
57	In the 8 Rural circles (do.) ...	883,101	190	17
	Total ...	949,736	4,611	18
	DHARWAR COLLECTORATE—			
58	Dharwar Town (Municipal) ...	34,327	25,839	1
59	Hubli do. (do.) ...	69,140	52,067	1
60	Gadag Betgeri do. (do.) ...	41,158	109,675	1
61	Ranebennur do. (Local Fund ...	13,930	29,543	...
62	In the 13 Rural circles (do.) ...	877,654	194	19
	Total ...	1,036,209	4,606	22
	BIJAPUR COLLECTORATE—			
63	Bijapur Town (Municipal)	32,471	129	1
64	Bagalkot do. (do.)	19,471	393	1
65	In the 8 Rural circles (Local Fund) ...	744,414	42	15
	Total ...	796,356	5,707	17

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 149	149	298	412	298	195	85	284	14
R. 114	.....	114						
P. 188	169	357	594	357	284	59	349	8
R. 166	71	237						
P. 542	490	1,032	3,590	1,032	798	203	1,019	13
R. 1,403	671	2,074						
P. 90	117	207		207	132	64	197	9
R. 167	110	277						
P. 14,807	14,276	29,083		29,083	22,785	5,299	28,396	672
R. 8,595	1,210	9,805						
P. 15,776	15,201	30,977	2,416	30,977	24,194	5,710	30,244	716
R. 10,445	2,062	12,507						
P. 591	550	1,141	1,633	1,141	972	166	1,140	...
R. 462	30	492						
P. 1,405	1,342	2,747	2,899	2,747	2,188	504	2,708	34
R. 99	53	152						
P. 674	651	1,329	2,052	1,329	1,053	205	1,264	65
R. 538	185	723						
P. 230	239	469	1,928	469	286	161	449	19
R. 177	56	233						
P. 12,277	12,144	24,421		24,421	18,157	5,471	23,838	572
R. 8,948	666	9,614						
P. 15,177	14,930	30,107	1,878	30,107	22,656	6,507	29,399	690
R. 10,224	990	11,214						
P. 499	510	1,009	1,699	1,009	811	186	1,005	2
R. 628	62	690						
P. 316	395	711	786	711	518	177	699	12
R. 75	.....	75						
P. 12,368	12,000	24,368	2,742	24,368	17,729	5,718	23,707	651
R. 14,248	2,520	16,768						
P. 13,183	12,905	26,088	2,566	26,088	19,058	6,081	25,411	665
R. 14,951	2,582	17,533						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SOUTHERN REGISTRATION DISTRICT.					
	BELGAUM COLLECTORATE—					
53	Gokak Town (Municipal)	114	61	24	100·00	67·77
54	Athni do. (do.)	237	39	44	100·00	20·20
55	Belgaum do. (do.)	2,074	297	845	100·00	24·00
56	Do. Cantonment (do.)	277	42	84	99·49	20·76
57	In the 8 Rural circles (Local Fund) ...	9,805	2,844	2,379	99·94	38·30
	Total ...	12,507	3,283	3,376	99·94	35·95
	DHARWAR COLLECTORATE—					
58	Dharwar Town (Municipal)	492	272	28	99·99	58·62
59	Hubli do. (do.)	152	24	...	99·81	15·78
60	Gadag Betgeri do. (do.)	723	306	166	100·00	54·55
61	Ranebennur do. (Local Fund) ...	233	8	116	99·77	6·84
62	In the 13 Rural circles (do.) ...	9,614	1,659	2,763	99·96	24·22
	Total ...	11,214	2,269	3,073	99·98	27·86
	BIJAPUR COLLECTORATE—					
63	Bijapur Town (Municipal)	690	298	174	99·80	57·75
64	Bagalkot do. (do.)	75	23	28	100·00	48·84
65	In the 8 Rural circles (Local Fund) ...	16,768	5,047	5,323	99·40	44·10
	Total ...	17,533	5,368	5,525	99·87	44·70

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000	Number.	Ratio per 1,000
18	19	20	21	22	23	24
34·54	4·70	21·05	378	37·84	...	...
28·66	2·24	18·56	410	30·29	1	·06
33·57	1·26	40·74	1,460	40·31	13	·36
34·69	4·35	30·32	413	59·95	2	·29
35·37	2·31	24·26	29,916	33·88	60	·07
35·30	2·31	26·99	32,577	34·20	76	·08
41·13	...	5·69	1,416	41·25	1	·03
39·51	1·24	...	2,576	37·26	1	·01
38·15	4·90	22·41	1,535	37·30	9	·22
32·80	4·05	49·80	460	33·09	1	·07
29·05	2·34	28·74	25,648	29·22	80	·09
30·56	2·29	25·13	31,635	30·53	92	·09
40·13	·20	25·22	1,449	44·62	4	·12
37·08	1·69	37·33	634	32·56	1	·05
38·63	2·67	31·74	27,776	37·33	40	·05
38·90	2·55	31·51	29,859	37·49	45	·06

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SOUTHERN REGISTRATION DISTRICT—*contd.*			
	KANARA COLLECTORATE—			
66	Karwar Town (Municipal)	14,463	1,533	1
67	Kumtha Town (Local Fund)	14,291	1,407	.....
68	In the 11 Rural circles (Local Fund) ...	372,722	103	15
	Total ...	401,476	3,046	16
	BIJAPUR AGENCY—			
69	Jath and Daflapur	82,654	84	2
	DHARWAR AGENCY—			
70	Savanur State	16,830	240	1
	TOTAL BY ESTABLISHMENT IN THE SOUTHERN REGISTRATION DISTRICT—			
	Municipal (including cantonment) ...	277,665	...	7
	Local Funds	2,906,112	...	66
	Native States	99,484	...	3
	Grand Total ...	3,283,261	...	76
	GUJARAT REGISTRATION DISTRICT.			
	SURAT COLLECTORATE—			
71	Surat City (Municipal)	117,434	39,144	2
72	Rander Town (Local Fund)	10,547	19,531	...
73	Bulsar do. (do.)	19,822	7,929	...
74	In the 9 Rural circles (Local Fund) ...	526,548	321	11
	Total ...	674,351	41	13

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 108	108	216	436	216	70	141	216	...
R. 178	42	220						
P. 628	163	791	1,331	791	267	475	791	...
R. 348	36	384						
P. 6,579	5,219	11,798		11,798	3,967	5,626	11,749	33
R. 4,935	2,050	6,985						
P. 7,315	5,490	12,805	1,275	12,805	4,304	6,242	12,756	33
R. 5,461	2,128	7,589						
P. 1,198	1,200	2,398	1,454	2,398	1,197	1,192	2,389	9
R. 431	79	510						
P. 391	322	713	1,120	713	566	62	657	56
R. 300	107	407						
P. 4,562	4,485	9,047	2,014	9,047	7,021	1,790	8,881	157
R. 3,830	1,224	5,054						
P. 46,889	44,041	90,930	2,041	90,930	63,191	22,750	88,929	1,947
R. 37,251	6,538	43,789						
P. 1,589	1,522	3,111	1,343	3,111	1,763	1,254	3,046	65
R. 731	186	917						
P. 53,040	50,048	103,088	2,011	103,088	71,975	25,794	100,856	2,169
R. 41,812	7,948	49,760						
P. 1,697	1,549	3,246	1,760	3,246	2,083	799	2,892	347
R. 241	32	273						
P. 127	114	241	255	241	108	78	192	49
R. 11	3	14						
P. 242	249	491	507	491	220	193	439	52
R. 10	6	16						
P. 8,444	8,086	16,530	1,681	16,530	10,357	4,027	14,485	2,029
R. 562	212	864						
P. 10,510	9,998	20,508	1,667	20,508	12,768	5,097	18,008	2,477
R. 914	253	1,167						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SOUTHERN REGISTRATION DISTRICT—*contd.*					
	KANARA COLLECTORATE—					
66	Karwar Town (Municipal)	220	85	38	100·00	46·70
67	Kumtha Town (Local Fund)	384	356	1	100·00	92·95
68	In the 11 Rural circles (Local Fund) ...	6,985	3,397	1,795	99·86	65·45
	Total ...	7,589	3,838	1,834	99·79	66·69
	BIJAPUR AGENCY—					
69	Jath and Daflapur	510	86	167	100·00	25·07
	DHARWAR AGENCY—					
70	Savanur State	407	176	124	100·00	62·19
	TOTAL BY ESTABLISHMENT IN THE SOUTHERN REGISTRATION DISTRICT—					
	Municipal (including cantonment) ...	5,054	1,447	1,431	99·89	39·89
	Local Funds	43,789	13,311	12,377	99·93	42·38
	Native States	917	262	291	100·00	41·85
	Grand Total ...	49,760	15,020	14,099	99·94	42·12
	GUJARAT REGISTRATION DISTRICT.					
	SURAT COLLECTORATE—					
71	Surat City (Municipal)	273	77	74	99·76	38·69
72	Rander Town (Local Fund)	14	2	3	100·00	18·18
73	Bulsar do. (do.)	16	3	4	100·00	25·00
74	In the 9 Rural circles (Local Fund) ...	864	175	367	99·89	34·72
	Total ...	1,167	257	448	99·87	35·74

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000	Number	Ratio per 1,000.
18	19	20	21	22	23	24
20·81	...	17·27	615	42·52	5	·35
80·26	...	·26	875	61·23	7	·49
40·64	·23	25·70	13,639	36·59	150	·40
41·33	·26	24·17	15,129	37·68	162	·40
29·93	·38	32·75	2,484	30·05	...	.....
49·49	7·85	30·47	833	49·44	...	.....
37·23	1·74	28·23	10,886	39·21	76	·27
35·18	2·14	28·27	96,314	33·83	678	·23
33·25	2·09	31·73	3,316	33·33	...	.....
35·29	2·10	28·33	113,516	34·27	754	·23
25·28	10·69	27·11	3,295	28·06	55	·47
18·39	20·33	21·43	204	19·34	5	·47
22·30	10·59	25·00	420	21·19	1	·05
27·84	12·27	41·67	13,953	26·50	88	·07
27·09	12·08	39·59	17,872	26·50	99	·10

LIBRARY

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	GUJARAT REGISTRATION DISTRICT—*contd.*			
	BROACH COLLECTORATE—			
75	Broach City (Municipal)	42,648	25,326	1
76	Jambusar (Local Fund)	10,217	18,917	...
77	Ankleshwar (do.)	11,762	3,079	...
78	In the 6 Rural circles (Local Fund) ...	243,118	166	5
	Total ...	307,745	210	6
	KAIRA COLLECTORATE—			
79	Kaira Town (Local Fund)	8,277	29,561	...
80	Mohmedabad (do.)	6,238	51,933	...
81	Nadiad Town (Municipal)	31,939	96,785	1
82	Borsad do. (Local Fund)	12,116	63,768	...
83	Anand do. (do.)	11,054	10,732	...
84	Umreth do. (do.)	14,024	182	...
85	Dakore do. (do.)	7,990	1,336	...
86	Kapadvanj Town (do.)	14,794	64,322	...
87	In the 7 Rural circles (Local Fund) ...	604,550	383	10
	Total ...	710,982	445	11
	PANCH MAHALS COLLECTORATE—			
88	Godhra Town (Local Fund)	26,979	158,700	...
89	Dohad do. (do.)	16,076	94,565	...
90	In the 5 Rural circles (Local Fund) ...	331,805	207	7
	Total ...	374,860	23	7

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 786	683	1,469	1,483	1,469	1,012	240	1,256	197
R. 8	6	14						
P. 153	178	331	337	331	226	74	302	29
R. 3	3	6						
P. 124	105	229	354	229	164	36	201	28
R. 17	108	125						
P. 3,761	3,769	7,530	1,558	7,532	5,098	1,507	6,621	872
R. 182	80	262						
P. 4,824	4,735	9,559	1,661	9,561	6,500	1,857	8,380	1,196
R. 210	97	407						
P. 99	101	200	237	200	144	42	186	13
R. 35	2	37						
P. 129	130	259	269	259	169	63	234	25
R. 9	1	10						
P. 526	453	979	1,017	979	679	153	834	144
R. 28	10	38						
P. 250	207	457	462	457	357	77	434	22
R. 5	...	5						
P. 215	207	422	505	422	323	72	397	19
R. 54	29	83						
P. 222	194	416	436	416	319	95	416	...
R. 16	4	20						
P. 110	119	229	231	229	147	66	213	15
R. ...	2	2						
P. 284	272	556	561	556	417	104	521	35
R. 5	1	6						
P. 9,646	8,806	18,452	1,879	18,458	14,139	3,182	17,356	1,042
R. 252	85	337						
P. 11,481	10,489	21,970	2,046	21,970	16,694	3,854	20,590	1,315
R. 404	134	538						
P. 403	435	838	862	838	638	136	775	60
R. 22	2	24						
P. 191	197	388	455	388	232	114	350	38
R. 60	7	67						
P. 5,586	5,362	10,948	1,589	10,948	8,202	1,730	9,943	974
R. 125	52	177						
P. 6,180	5,994	12,174	1,777	12,174	9,072	1,980	11,068	1,072
R. 207	61	268						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination
1	2	13	14	15	16	17
	GUJARAT REGISTRATION DISTRICT—*contd.*					
	BROACH COLLECTORATE—					
75	Broach City (Municipal)	14	1	1	98·74	7·69
76	Jambusar (Local Fund)	6	1	1	100·00	20·00
77	Ankleshwar (do.)	125	48	33	100·00	46·74
78	In the 6 Rural circles (Local Fund) ...	262	46	58	99·41	22·55
	Total ...	407	91	93	99·35	28·98
	KAIRA COLLECTORATE—					
79	Kaira Town (Local Fund)	37	2	25	99·47	18·18
80	Mehmedabad (do.)	10	2	4	100·00	33·33
81	Nadiad Town (Municipal)	38	12	8	99·88	40·00
82	Borsad do. (Local Fund)	5	4	1	99·77	100·00
83	Anand do. (do.)	83	8	...	98·51	9·64
84	Umreth do. (do.)	20	7	8	100·00	58·33
85	Dakore do. (do.)	2	1	1	99·53	100·00
86	Kapadvanj Town (do.)	6	2	1	100·00	40·00
87	In the 7 Rural circles (Local Fund) ...	337	109	62	99·65	39·64
	Total ...	538	147	111	91·89	34·48
	PANCH MAHALS COLLECTORATE—					
88	Godhra Town (Local Fund)	24	5	7	99·61	29·41
89	Dohad do. (do.)	67	14	24	100·00	32·56
90	In the 5 Rural circles (Local Fund) ...	177	52	35	91·69	35·62
	Total ...	268	71	66	99·69	35·16

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
29·47	13·41	7·14	1,120	26·26	1	·02
29·66	8·76	16·66	283	27·70	...	...
20·74	12·22	26·40	326	27·72	...	...
27·42	11·58	22·13	6,268	25·78	55	·23
27·53	11·78	22·85	7,997	25·99	56	·18
22·71	6·50	70·27	212	25·61	...	·00
37·88	9·65	40·00	160	25·65	2	·31
26·49	14·71	20·50	804	25·17	29	·91
36·15	4·81	20·00	398	32·71	1	·08
36·63	4·50	.....	314	28·41	3	·27
30·16	.....	40·00	386	27·52	2	·14
26·78	6·55	50·00	80	10·01	5	·63
35·35	6·29	16·66	392	26·50	10	·68
28·89	5·65	18·40	16,019	26·55	51	·08
29·17	5·98	20·63	18,795	26·44	103	·14
28·91	7·16	29·17	837	31·02	8	·30
22·64	9·79	35·82	270	16·50	...	...
30·12	9·81	19·77	9,350	28·18	15	·05
29·72	8·81	24·63	10,457	27·90	23	·06

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	GUJARAT REGISTRATION DISTRICT—*concld.*			
	AHMEDABAD COLLECTORATE—			
91	Ahmedabad City (Municipal)	270,775	41,658	4
92	Dhandhuka Town (Local Fund)... ...	8,056	40,280	...
93	Viramgam do. (do.)... ...	26,262	43,062	...
94	Dholka do. (do.	12,513	16,684	...
95	Ahmedabad Cantonment	3,232	1,103	...
96	In the 8 Rural circles (Local Fund, ...	570,073	150	12
	Total ...	890,911	233	16
	NATIVE STATES—			
97	Rewa Kantha Agency	753,058	152	16
98	Mahi Kantha Agency	224,127	138	4
99	Bansda State	40,125	187	1
100	Dangs (Local Fund)	24,481	25	1
101	Jambughoda (Local Fund	9,540	65	...
	TOTAL BY ESTABLISHMENT IN THE GUJARAT REGISTRATION DISTRICT.			
	Municipal	679,523	59,038	8
	Local Fund	2,390,092	206	46
	Native States	1,017,310	150	21
	Cantonment	3,232	1,103	...
	Total ...	4,090,157	222	75

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 4,752	4,788	9,540	2,435	9,564	7,999	961	8,964	498
R. 127	73	200						
P. 142	123	265	300	265	117	94	214	51
R. 34	1	35						
P. 327	358	685	740	685	411	163	584	98
R. 29	26	55						
P. 178	161	339	342	339	265	30	295	44
R. 10	3	13						
P. ...	...	...	...	...	...	...	...	...
R. ...	...	...						
P. 9,054	8,506	17,560	1,538	17,561	12,521	2,956	15,497	1,974
R. 667	233	900						
P. 14,453	13,936	28,389	1,849	28,414	21,313	4,209	25,554	2,665
R. 867	336	1,203						
P. 12,386	11,965	24,351	1,643	24,370	19,453	2,983	22,523	1,836
R. 1,341	596	1,937						
P. 2,963	2,653	5,616	1,442	5,616	4,490	745	5,188	380
R. 100	51	151						
P. 742	684	1,426	1,437	1,426	1,013	227	1,245	179
R. 9	2	11						
P. 450	450	900	991	900	404	430	836	64
R. 44	47	91						
P. 149	135	284	297	284	212	45	257	26
R. 10	3	13						
P. 7,761	7,473	15,234	1,970	15,258	11,773	2,153	13,946	1,186
R. 404	121	525						
P. 40,286	38,264	78,550	1,776	78,559	55,190	15,319	70,747	7,559
R. 2,252	910	3,162						
P. 16,091	15,302	31,393	1,595	31,412	24,896	3,955	28,956	2,395
R. 1,450	649	2,099						
P. ...	...	...	...	...	...	...	...	...
R. ...	...	...						
P. 64,138	61,039	125,177	1,746	125,229	91,859	21,427	113,649	11,140
R. 4,106	1,680	5,786						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	GUJARAT REGISTRATION DISTRICT—*concld.*					
	AHMEDABAD COLLECTORATE—					
91	Ahmedabad City (Municipal)	200	37	104	98·87	38·54
92	Dhandhuka Town (Local Fund)... ...	35	2	15	100·00	10·00
93	Viramgam do. (do.)... ...	55	13	20	99·49	37·14
94	Dholka do. (do.)... ...	13	3	4	100·00	33·33
95	Ahmedabad Cantonment	...	...	...	...	...
96	In the 8 Rural circles (Local Fund) ...	900	180	233	99·42	26·99
	Total ...	1,203	235	376	99·24	28·42
	NATIVE STATES—					
97	Rewa Kantha Agency	1,937	512	466	99·95	34·81
98	Mahi Kantha Agency	151	49	14	99·08	35·77
99	Bansda State ...	11	3	...	99·84	27·27
100	Dangs (Local Fund)	91	69	22	100·00	100·00
101	Jambughoda (Local Fund)	13	6	3	99·61	60·00
	TOTAL BY ESTABLISHMENT IN THE GUJARAT REGISTRATION DISTRICT.					
	Municipal	525	127	187	99·10	37·57
	Local Fund	3,162	749	932	99·64	33·59
	Native State	2,099	564	480	99·79	34·84
	Cantonment	...	...	...	...	...
	Total ...	5,786	1,440	1,599	99·61	34·39

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
33·24	5·21	52·00	7,235	26·72	180	·66
26·81	19·25	43·86	182	22·59	...	...
22·73	14·31	36·36	593	23·77	14	·53
23·82	12·98	30·75	429	34·23	...	...
.....	.....	.....	36	11·14	...	...
27·50	11·24	25·89	14,846	26·04	43	·08
28·95	9·33	31·26	23,326	26·18	237	·27
30·59	7·53	24·06	21,415	28·44	...	...
23·37	6·77	9·27	4,972	22·18	...	...
31·10	12·55	.....	1,253	31·23	...	...
36·97	7·11	24·18	770	31·45	...	...
27·57	9·15	23·08	311	32·60	...	...
20·71	7·77	35·62	12,454	18·33	265	·39
30·68	9·62	29·47	67,038	23·77	253	·11
29·01	7·62	22·57	27,640	27·17	...	...
.....	.....	.....	36	11·14	...	...
28·56	8·89	27·64	107,168	26·59	618	·13

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SIND REGISTRATION DISTRICT.			
	KARACHI COLLECTORATE—			
102	Karachi Town (Municipal)	216,883	2,363	2
103	Tatta do. (do.)	8,470	.....	.....
104	In the 11 Rural circles (Local Fund) ...	316,712	48	11
	Total ...	542,065	47	13
	HYDERABAD COLLECTORATE—			
105	Hyderabad Town (Municipal)	73,961	4,167	1
106	Do. Cantonment	7,887	.....	S.A.S.
107	In the 7 Rural circles (Local Fund) ...	491,612	128	10
	Total ...	573,460	128	11 1 S.A.S.
	NAWABSHAH COLLECTORATE—			
108	In the 7 Rural circles (Local Fund) ...	418,660	107	9
	Total ...	418,660	107	9
	THAR AND PARKAR COLLECTORATE—			
109	Umarkot Town (Local Fund)	4,199	.....	.....
110	In the 11 Rural circles (Local Fund) ...	992,132	29	12
	Total ...	996,331	29	12
	LARKANA COLLECTORATE—			
111	Larkana Town (Municipal)	17,723	8,023	1
112	In the 11 Rural circles (Local Fund) ...	580,237	115	11
	Total ...	597,960	118	12

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 4,231	4,024	8,255	6,092	8,271	5,487	1,240	7,025	1,206
R. 3,465	364	3,829						
P. 60	72	132	735	132	73	54	129	3
R. ...	...	...						
P. 4,007	3,318	7,325		7,328	2,871	3,569	6,882	432
R. 565	196	761						
P. 8,298	7,414	15,712	1,569	15,731	8,431	4,863	14,036	1,641
R. 4,030	560	4,590						
P. 957	844	1,801	1,832	801	747	1,044	1,795	4
R. 17	14	31						
P. 29	33	62	95	62	43	18	62	...
R. 33	...	33						
P. 6,456	5,238	11,694	1,211	11,694	5,639	5,114	11,252	442
R. 335	78	413						
P. 7,442	6,115	13,557	1,086	13,557	6,629	6,176	13,109	446
R. 385	92	477						
P. 6,169	5,396	11,565	1,302	11,566	6,766	4,024	11,039	506
R. 450	131	581						
P. 6,169	5,396	11,565	1,302	11,566	6,766	4,024	11,039	506
R. 450	131	581						
P. 40	57	97	1,233	97	77	14	94	3
R. 10	5	15						
P. 6,600	5,569	12,169		12,172	5,584	5,409	11,439	716
R. 1,579	634	2,213						
P. 6,640	5,626	12,266	1,233	12,269	5,661	5,423	11,533	719
R. 1,889	639	2,528						
P. 263	267	530	617	531	263	234	501	29
R. 67	20	87						
P. 8,184	6,950	15,134	1,476	15,187	9,479	4,726	14,449	674
R. 894	207	1,101						
P. 8,447	7,217	15,664	1,404	15,668	9,742	4,960	14,950	703
R. 961	227	1,188						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SIND REGISTRATION DISTRICT.					
	KARACHI COLLECTORATE—					
102	Karachi Town (Municipal)	3,829	31	3,751	143·86	17·41
103	Tatta do. (do.)	...	...	...	100·00	...
104	In the 11 Rural circles (Local Fund) ...	761	197	158	99·60	33·50
	Total ...	4,590	228	3,909	99·61	29·19
	HYDERABAD COLLECTORATE—					
105	Hyderabad Town (Municipal)	81	7	4	99·88	87·00
106	Do. Cantonment	33	30	2	100·00	93·93
107	In the 7 Rural circles (Local Fund) ...	413	72	120	100·00	24·57
	Total ...	477	109	126	99·98	22·49
	NAWABSHAH COLLECTORATE—					
108	In the 7 Rural circles (Local Fund) ...	561	167	150	99·81	38·74
	Total ...	561	167	150	99·81	38·74
	THAR AND PARKAR COLLECTORATE—					
109	Umarkot Town (Local Fund)	15	1	5	100·00	100·00
110	In the 11 Rural circles (Local Fund) ...	2,513	550	675	99·85	29·92
	Total ...	2,528	551	680	99·85	29·82
	LARKANA COLLECTORATE—					
111	Larkana Town (Municipal)	87	20	63	99·80	33·33
112	In the 11 Rural circles (Local Fund) ...	1,101	299	266	99·89	35·81
	Total ...	1,188	319	329	99·90	38·48

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
56·27	14·58	95·47	7,093	46·69	93	·61
15·58	2·27	.....	114	12·18	1	·09
22·56	5·90	21·04	6,585	18·36	53	·15
37·67	10·43	80·30	13,792	26·44	148	·28
24·16	·22	12·90	2,162	28·47	108	1·42
11·66	.....	6·06	.....	.....	.....	.....
21·11	3·78	29·05	9,752	18·19	43	·08
23·83	3·99	26·41	11,914	19·47	150	·25
26·77	4·37	53·38	10,679	23·81	64	·14
26·77	4·37	53·38	10,679	23·81	64	·14
22·62	3·09	33·33	118	29·66	3	·75
37·05	5·88	26·86	9,323	21·71	58	1·37
30·49	5·86	26·90	9,442	21·79	61	1·31
29·40	5·46	72·41	444	27·58	1	·06
27·15	4·45	24·15	13,832	21·45	76	·11
25·54	4·49	27·69	14,278	21·60	76	·11

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.
1	2	3	4	5
	SIND REGISTRATION DISTRICT—*concld.*			
	SUKKUR COLLECTORATE—			
113	Sukkur Town (Municipal)	42,759	11,638	1
114	Shikarpur do. (do)	55,503	5,994	1
115	Rohri do. (do)	11,378	.....	1
116	In the 8 Rural circles (Local Fund) ...	400,652	71	8
	Total ...	510,292	91	11
	UPPER SIND FRONTIER—			
117	Jacobabad Town (Municipal)	10,583	.....	1
118	In the 5 Rural circles (Local Fund) ...	230,036	86	5
	Total ...	240,619	90	6
	NATIVE STATES—			
119	Khairpur State ...	193,131	.....	6
	Total ...	193,131	.....	6
	TOTAL BY ESTABLISHMENTS IN THE SIND REGISTRATION DISTRICT—			
	Municipal	441,449	3,761	8
	Local Fund	2,830,041	61	66
	Native States	193,131	.....	6
	Cantonment	7,887	.....	1 S. A. S.
	Total ...	3,472,508	75	80 1 S.A.S.

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 482	404	886	1,063	891	565	292	864	18
R. 105	67	172						
P. 750	692	1,442	1,523	1,444	1,117	246	1,367	75
R. 48	31	79						
P. 183	170	353	381	356	169	143	339	11
R. 19	6	25						
P. 7,420	6,608	14,028	15,275	14,031	9,354	3,621	13,111	912
R. 565	210	775						
P. 8,835	7,874	16,709	1,615	16,722	11,225	4,302	15,681	1,016
R. 737	314	1,051						
P. 155	107	262	349	262	148	69	236	26
R. 78	9	87						
P. 4,180	3,613	7,793	1,795	7,793	4,380	2,752	7,470	323
R. 773	409	1,182						
P. 4,335	3,720	8,055	1,554	8,055	4,528	2,821	7,706	349
R. 851	418	1,269						
P. 3,054	2,516	5,570	937	5,570	4,079	1,207	5,384	180
R. 40	10	50						
P. 3,054	2,516	5,570	937	5,570	4,079	1,207	5,384	180
R. 40	10	50						
P. 7,021	6,508	13,529	2,230	13,556	8,616	3,268	12,127	1,369
R. 3,799	511	4,310						
P. 43,116	36,821	79,937	1,322	79,950	44,423	29,283	75,865	4,011
R. 5,471	1,870	7,341						
P. 3,054	2,516	5,570	937	5,570	4,079	1,207	5,384	180
R. 40	10	50						
P. 29	33	62	95	62	43	18	62	...
R. 33	.....	33						
P. 53,220	45,878	99,098	1,372	99,138	57,061	33,776	93,438	5,560
R. 9,343	2,391	11,734						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SIND REGISTRATION DISTRICT—*contd.*					
	SUKKUR COLLECTORATE—					
113	Sukkur Town (Municipal)	172	84	84	99·57	60·87
114	Shikarpur do. (do.)	81	25	22	99·85	42·37
115	Rohri do. (do.)	25	11	...	98·26	44·00
116	In the 8 Rural circles (Local Fund) ...	775	191	242	99·93	35·83
	Total ...	1,053	311	298	99·84	41·19
	UPPER SIND FRONTIER—					
117	Jacobabad Town	87	1	21	100·00	1·52
118	In the 5 Rural circles (Local Fund) ...	1,182	237	353	100·00	28·59
	Total ...	1,269	238	374	100·00	26·59
	NATIVE STATES—					
119	Khairpur State	50	38	11	99·88	97·43
	Total ...	50	38	11	99·88	97·43
	TOTAL BY ESTABLISHMENTS IN THE SIND REGISTRATION DISTRICT.					
	Municipal	4,312	179	3,895	99·52	42·15
	Local Fund	7,341	1,714	1,969	99·90	81·95
	Native State	50	38	11	99·88	97·43
	Cantonment	33	30	2	100·00	93·93
	Total ...	11,736	1,961	5,877	99·85	93·47

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
22·17	2·02	19·77	1,051	17·56	3	·06
25·08	5·19	27·16	1,201	34·03	10	·28
30·69	3·37	...	251	23·34	1	·09
29·01	6·49	31·22	11,553	24·38	18	·04
31·34	6·08	28·30	14,056	24·49	33	·06
23·39	9·92	24·14	899	35·19	2	·18
33·50	4·14	29·86	6,901	27·42	10	·04
33·01	4·33	29·47	7,301	27·76	12	·05
28·71	32·32	22·00	5,202	23·29	...	...
28·71	32·32	22·00	5,202	23·29	...	...
28·38	9·98	90·13	12,730	34·73	238	·65
27·33	5·02	26·81	68,731	21·84	308	·10
28·71	32·32	22·00	5,202	23·29	...	...
11·66	.....	6·06	...	...	...	...
27·47	15·61	50·08	86,668	23·19	546	·15

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.
1	2	3	4	5
	ADEN.			
120	Aden (Municipal)	56,500	686	5
	TOTAL BY ESTABLISHMENTS.			
	Municipal	3,353,969	...	57
	Local Fund	15,995,425	129	340
	Cantonments	88,870	...	2
	Native States	1,354,522	...	1 S.A.S. 32
	In the British Territory	19,438,264	...	399
	In the Native States	1,354,522	...	32
	Grand Total ...	20,792,786	...	431 1 S.A.S.

Sum

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which results were known.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
By Special Staff (Statement I).	672,306	127,246	672,406	101,138	99·64	41·84
By Dispensary Staff (Statement III) ...	929	8,750	929	8,750	64·52	77·81
By other Agencies, if any ...	...	...	...	...	...	...
Total ...	673,235	135,996	673,335	109,888	99·68	60·52

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 36,536	4,494	41,030	16,358	41,030	130	530	2,583	37,553
R. 33,164	7,596	40,760						
Males.	Females.	Total.						
P. 78,518	46,478	124,214	3,266	124,265	55,892	18,046	76,567	46,369
R. 49,845	12,132	61,977						
P. 259,296	244,882	504,178	1,655	504,209	335,902	110,216	452,368	51,157
R. 48,244	10,172	58,416						
P. 910	807	1,720	2,741	1,720	879	256	1,125	593
R. 3,458	304	3,762						
P. 21,784	20,410	42,194	1,415	42,213	32,065	6,826	39,126	3,019
R. 2,243	848	3,091						
P. 338,719	291,393	630,112	1,890	630,193	392,073	123,498	530,060	98,119
R. 101,547	22,608	124,155						
P. 21,784	20,410	42,194	1,415	42,213	32,065	6,826	39,126	3,019
R. 2,243	848	3,091						
R. 360,503	311,803	672,306	1,855	672,406	424,138	135,324	569,186	101,138
R. 103,790	23,456	127,246						

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Average number of persons vaccinated by each Vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
Vaccinators employed.	Persons vaccinated by each vaccinator.	Under one year.	One and under six years.			
431	1,855	424,138	135,324	28·55	Rs. a. p. 6,25,015 9 8	Rs. a. p. 1 0 10
...	...	81	39	...	...	...
...	...	...	...	...	...	...
431	1,855	424,219	135,363	28·55	6,25,015 9 8	1 0 10

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	ADEN.					
120	Aden (Municipal)	40,760	3,117	35,449	74·29	58·69
	TOTAL BY ESTABLISHMENTS.					
	Municipal	61,979	5,625	50,631	98·29	49·48
	Local Fund	58,416	17,313	16,846	99·85	41·65
	Cantonments	3,762	704	397	99·82	20·92
	Native States	3,091	877	790	99·83	30·43
	In the British Territory	124,157	23,642	67,854	99·62	41·99
	In the Native States	3,091	877	790	99·83	30·43
	Grand Total ...	127,248	24,519	68,644	99·64	41·84

No. I—*concld.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
100·68	91·60	86·07	1,981	35·06	85	1·50
24·51	37·31	81·66	75,763	22·50	1,914	0·57
29·36	10·16	28·84	436,640	27·24	3,031	0·19
20·68	34·48	10·56	1,651	18·58	10	0·11
29·53	7·16	25·56	37,872	27·96	...	...
28·49	16·57	54·65	513,053	25·39	4,956	0·25
29·53	7·16	25·56	37,879	27·96	...	...
28·56	16·04	53·95	550,925	26·50	4,955	0·25

STATEMENT

Showing the Cost of the Department in the

No.	Circles and Districts.	EXPENDI			
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.
	WESTERN REGISTRATION DISTRICT.		Rs. a. p.		Rs. a. p.
	Administrative Charges	1	14,640 0 0	8	9,801 1 0
1	E. Khándesh Collectorate	...	.....	.....	.....
2	W. Khándesh do.	...	.....	.....	.....
3	Násik do.	...	.....	.....	.....
4	Thána do.	...	.....	.....	.....
5	Bombay Suburban	..	.....	.....	.....
6	Kolába Collectorate	...	.....	.....	.....
	Total ...	1	14,640 0 0	8	9,801 1 0
7	Bombay City	1	4,132 13 0	2	4,770 0 0
	CENTRAL REGISTRATION DISTRICT.				
	Administrative Charges	1	13,884 12 0	6	7,292 5 0
8	Ahmednagar Collectorate	...	.....	.....	.....
9	Poona do.	...	.....	.....	.....
10	Sholápur do.	...	.....	.....	.....
11	Sátára do.	...	.....	.....	.....
12	Ratnagfri do.	...	.....	.....	.....
	Total ...	1	13,884 12 0	6	7,292 5 0
	SOUTHERN REGISTRATION DISTRICT.				
	Administrative Charges	1	10,800 1 0	7	9,237 13 0
13	Belgaum Collectorate	...	.....	...	.....
14	Dhárwár do.	...	.....	...	.....
15	Bijápur do.	...	.....	...	.....
16	Kánara do.	...	.....	...	.....
	Total ...	1	10,800 1 0	7	9,237 13 0

No. II

Bombay Presidency during the year 1925-26

TURE.

Vaccinators.	Pay.	Clerks.	Pay.	Peons, etc.	Pay.	Total Pay of Establishment.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
...	.....	2	3,360 0 0	12	2,100 2 0	29,910 3 0
22	9,363 0 0	.....	.....	20	3,581 9 0	12,944 9 0
16	6,639 2 0	.....	.....	15	2,771 12 1	9,410 14 1
23	9,534 7 0	.....	.....	20	3,242 2 0	12,776 9 0
22	9,823 5 0	.....	.....	20	3,479 13 4	13,306 2 4
4	2,133 10 0	.....	.....	4	819 1 0	2,952 11 0
17	5,616 10 2	.....	.....	16	2,449 2 10	9,304 4 10
104	43,113 2 2	2	3,360 0 0	107	18,452 10 3	90,605 5 3
9	10,422 10 0	6	8,386 5 0	30	10,875 12 0	38,287 8 0
...	.....	2	2,623 1 0	10	1,887 14 0	25,688 0 0
19	8,565 7 0	.....	.....	19	2,963 2 0	11,528 9 0
20	8,751 0 0	.....	.....	21	3,676 15 8	12,427 15 8
16	6,517 4 0	.....	.....	15	2,572 8 0	9,089 12 0
22	9,456 12 0	.....	.....	20	3,288 4 0	12,745 0 0
22	9,651 15 0	.....	.....	21	3,716 4 0	13,368 3 0
99	42,942 6 0	2	2,623 1 0	106	18,104 15 8	84,847 7 8
...	.....	1	1,408 8 0	10	1,761 0 0	23,207 6 0
18	8,313 3 0	.....	.....	18	3,025 2 0	11,338 5 0
23	10,092 3 0	.....	.....	23	3,855 15 0	13,948 3 0
19	7,832 5 4	.....	.....	19	2,806 0 0	10,638 5 4
16	7,582 9 0	.....	.....	16	2,682 13 0	10,265 6 0
76	33,820 4 4	1	1,408 8 0	86	14,130 14 0	69,397 8 4

STATEMENT

No.	Circles and Districts.	Expenditure.			Imperial Funds.
		Travelling Allowances.	Contingencies.	Total Cost.	
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	WESTERN REGISTRATION DISTRICT.				
	Administrative Charges	9,000 1 0	809 13 9	39,900 1 9	... ..
1	E. Khandesh Collectorate ...	5,013 10 0	1,184 13 5	19,143 0 5	.....
2	W. Khandesh do.	4,467 6 3	718 4 6	14,576 8 10	.. ...
3	Nasik do.	4,739 12 0	1,140 7 5	18,656 12 5	...
4	Thana do.	4,757 14 0	1,083 8 9	19,117 9 1	.....
5	Bombay Suburban	562 6 0	209 1 1	3,724 2 1	.....
6	Kolaba Collectorate	3,193 0 0	858 9 7	12,107 6 7	.....
	Total ..	31,864 1 3	6,094 10 6	1,27,265 9 2	.....
7	Bombay City	1,650 12 6	9,407 14 7	49,346 3 1	.....
	CENTRAL REGISTRATION DISTRICT.				
	Administrative Charges	6,906 15 0	1,000 8 8	33,595 7 8	.....
8	Ahmednagar Collectorate ...	4,726 9 0	584 7 4	16,839 9 4	.....
9	Poona do. ...	4,043 0 0	525 11 1	16,996 10 9	.....
10	Sholapur do.	2,425 5 6	613 9 4	12,028 10 10	...
11	Satara do.	5,252 7 0	574 11 9	18,572 2 9	... ..
12	Ratnagiri do.	4,970 9 0	460 7 9	18,799 3 9	.....
	Total ...	28,324 13 6	3,659 7 11	1,16,831 13 1	.....
	SOUTHERN REGISTRATION DISTRICT.				
	Administrative Charges	7,743 0 0	1,121 5 0	32,071 11 0	... ..
13	Belgaum Collectorate	3,140 10 0	772 12 0	15,251 11 0	.....
14	Dharwar do.	3,857 0 0	841 6 8	18,046 8 8	.....
15	Bijapur do.	3,125 3 4	584 0 0	14,347 8 8	.....
16	Kanara do.	870 13 0	621 0 3	11,757 3 3	... .
	Total ...	18,736 10 4	3,940 7 11	92,074 10 7	.....

No. II—*contd.*

Paid from				Total.	Number of all successful Vaccinations and Re-vaccinations.	Average cost of each successful case.
Provincial Funds.	Local Funds.	Municipalities.	Native States.			
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
39,900 1 9	.....	.....	.....	39,900 1 9	...	.....
3,119 7 0	13,467 8 8	2,556 0 9	.....	19,143 0 5	31,544	0 9 9
823 0 0	11,403 5 7	1,555 0 3	794 10 0	14,576 8 10	17,339	0 13 5
3,304 0 0	13,521 9 11	1,769 14 6	61 4 0	18,656 12 5	25,429	0 11 9
2,679 6 0	14,425 9 3	1,315 15 6	794 8 4	19,147 9 1	21,764	0 14 1
177 12 0	1,726 8 2	1,820 2 11	.....	3,724 2 1	4,541	0 13 1
2,105 6 0	9,712 0 7	.....	.....	12,167 6 7	15,507	0 12 7
52,409 2 9	61,256 5 2	9,037 10 11	1,562 6 4	1,27,265 9 2	116,127	1 1 6
... ..	....	49,346 3 1	.....	49,346 3 1	17,691	2 12 10
33,595 7 8	.....	.....	.....	33,595 7 8	...	.....
2,897 15 0	12,877 4 5	1,064 5 11	.....	16,839 9 4	21,779	0 12 4
2,276 13 0	11,610 2 3	3,109 11 6	.....	17,996 10 9	25,517	0 10 8
384 0 0	8,663 0 11	2,981 9 11	.....	12,028 10 10	19,979	0 9 8
3,152 11 0	14,856 15 9	562 8 0	.....	18,572 2 9	28,282	0 10 6
3,967 12 0	14,331 7 9	.....	.....	18,799 3 9	32,356	0 9 4
46,274 10 8	62,833 15 1	7,718 8 4	.....	1,16,831 13 1	127,913	0 14 7
31,986 11 0	... ..	....	85 0 0	32,071 11 0	...	.....
1,602 1 0	12,595 14 0	1,053 12 0	.....	15,251 11 0	33,527	0 7 8
1,807 3 0	14,031 5 8	2,385 1 0	422 15 0	18,646 8 8	32,501	0 9 2
450 0 0	11,605 1 8	1,428 7 0	864 0 0	14,347 8 8	33,254	0 6 11
1,952 4 0	9,056 9 3	748 6 0	.....	11,757 3 3	16,594	0 11 4
37,798 3 0	47,288 14 7	5,615 10 0	1,371 15 0	92,074 10 7	115,876	0 13 9

STATEMENT

No.	Circles and Districts.	Expendi			
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.
	GUJARAT REGISTRATION DISTRICT.		Rs. a. p.		Rs. a. p.
	Administrative Charges	1	9,999 15 0	5	5,858 14 0
17	Surat Collectorate	...	.....	.....	.....
18	Broach do.	...	.....	.....	.....
19	Kaira do.	...	.....	.....	.....
20	Panch Mahals do.	...	.....	.....	.....
21	Ahmedabad do.	...	.....	.....	.....
22	Mahi Kántha Agency	...	.....	1	.....
23	Rewa Kántha do.	...	.....	1	720 0 0
	Total ...	1	9,999 15 0	7	6,578 14 0
	SIND REGISTRATION DISTRICT.				
	Administrative Charges	1	10,894 4 0	7	7,261 1 0
24	Karáchi Collectorate	...	.....	.....	.....
25	Hyderabad do.	...	.....	.....	.....
26	Nawabshah do.	...	.....	.....	.....
27	Thar and Párkar do.	...	.....	.....	.....
28	Lárkána do.	...	.....	...	.....
29	Sukkur do.	...	.....	.....	.....
30	Jacobabad do.	...	.....	.....	.....
31	Khairpur (Native States)	...	...	.....	.....
	Total ...	1	10,894 4 0	7	7,261 1 0
	VACCINE INSTITUTE.				
2	Belgaum	1	17,835 7 4	3	6,891 6 0
33	Aden	...	.....	.....	.....
	TOTAL OF PRESIDENCY ...	7	82,187 4 4	40	51,532 8 0

No. II—*contd.*

PURE.

Vaccinations.	Pay.	Clerk.	Pay.	Peons, etc.	Pay.	Total Pay of Establishment.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
...	.....	2	3,622 3 0	9	1,600 5 0	20,681 5 0
16	7,156 13 7	.....	.....	15	2,334 3 11	9,521 1 6
7	3,253 12 0	.....	.....	6	996 3 0	4,219 15 0
12	5,003 12 0	.....	.....	11	1,986 12 0	7,560 8 0
8	3,014 8 0	.....	.....	7	1,228 14 0	4,243 6 0
18	8,303 4 0	1	430 0 0	18	2,983 5 0	11,716 9 0
4	1,444 7 0	.....	.....	5	895 3 0	3,059 10 0
17	4,868 5 2	.....	.....	16	1,993 4 7	6,861 9 9
82	33,074 13 0	3	3,052 3 0	87	13,988 2 6	67,894 0 3
..	.....	3	4,069 8 0	10	3,038 7 0	24,263 1 0
15	7,427 1 0	1	1,330 11 0	16	3,560 2 0	12,317 14 0
13	7,368 8 0	.....	.....	12	2,503 9 0	10,373 1 0
10	4,544 6 0	.....	.....	10	1,893 5 0	6,437 11 0
13	5,199 5 0	.....	.....	13	2,524 1 0	7,723 6 0
13	5,435 4 0	.....	.....	13	2,516 5 0	7,951 9 0
12	4,915 10 0	.....	.....	13	2,730 5 0	7,645 15 0
7	3,029 8 0	.....	.....	7	1,441 9 0	4,471 1 0
6	1,739 3 0	.....	.....	6	749 8 0	2,488 11 0
80	40,158 13 0	4	5,400 3 0	100	19,957 3 0	83,671 8 0
9	6,883 8 0	3	2,541 7 0	22	4,007 7 0	38,162 3 4
5	2,906 13 0	.....	.....	...	.....	2,906 13 0
473	2,13,925 6 3	21	27,371 11 0	538	99,517 0 5	4,76,773 5 10

STATEMENT

No.	Circles and Districts.	Expenditure.			Imperial Fund.
		Travelling Allowances.	Contingencies.	Total Cost.	
	GUJARAT REGISTRATION DISTRICT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Administrative Charges ...	5,715 9 0	1,701 5 3	28,106 3 3	.....
17	Surat Collectorate	2,361 4 0	926 5 7	12,808 11 1	.....
18	Broach do.	1,471 14 0	265 7 6	5,987 4 6	.....
19	Kaira do.	2,444 6 0	490 2 6	10,495 0 6	.....
20	Panch Mahals Collectorate ...	2,142 7 0	146 14 3	6,532 11 3	.....
21	Ahmedabad do.	1,952 2 0	1,633 0 0	15,301 11 0	.....
22	Mahi Kantha Agency	740 8 0	345 7 9	4,145 9 9	.....
23	Rewa Kantha do.	135 13 0	135 13 0	7,302 8 8	.....
	Total ...	16,163 15 0	5,821 12 9	90,679 12 0	.....
	SIND REGISTRATION DISTRICT.				
	Administrative Charges	6,977 8 0	2,770 15 1	34,011 11 1	.....
24	Karachi Collectorate	4,998 13 0	788 13 10	18,105 8 10	.....
25	Hyderabad do.	1,873 4 0	332 8 3	12,577 13 3	.....
26	Nawabshah do.	1,239 6 0	304 2 4	7,981 3 4	.....
27	Thar and Parkar do.	3,409 14 0	364 1 11	11,496 5 11	.....
28	Larkana do. ..	2,926 14 0	332 9 0	11,211 0 0	.....
29	Sukkur do.	1,599 4 0	470 5 4	9,715 8 4	.....
30	Jacobabad do.	1,893 14 0	185 7 5	6,550 6 5	.....
31	Khairpur (Native States)	648 6 0	102 9 3	3,239 10 3	.....
	Total ...	25,566 3 0	5,651 8 5	1,14,889 3 5	.....
	VACCINE INSTITUTE.				
32	Belgaum	946 14 0	21,657 9 8	30,519 15 9	.....
33	Aden	...	501 9 7	3,408 6 7	.....
	TOTAL OF PRESIDENCY ...	1,23,993 5 7	56,735 1 4	6,25,015 9 8	.....

* Total expenditure ... Rs. a. p. 60,766 11 0
Deduct—sale proceeds ... 30,246 11 3
30,519 15 9

No. II—*concld.*

Paid from				Total.	Number of all successful vaccinations and Re-vaccinations.	Average cost of each successful case.
Provincial Funds.	Local Funds.	Municipalities.	Native States.			
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p
28,106 3 3	.. .	.....	... ..	28,106 3 3	..	.. .
891 0 0	9,422 12 4	2,035 9 10	459 4 11	12,808 11 1	20,418	0 10 0
1,193 8 0	4,121 14 0	668 15 0	.....	5,987 4 6	8,471	0 11 4
1,886 13 0	7,816 5 6	791 14 0	.....	10,495 0 6	20,737	0 8 2
1,174 5 0	5,059 6 3	299 0 0	.....	6,532 11 3	11,402	0 9 2
1,541 0 0	8,306 3 8	5,454 7 9	.....	15,301 11 0	25,789	0 9 6
.. ...	.. ...	.....	4,145 0 9	4,145 9 9	5,237	0 12 8
.....	.....	.....	7,702 8 8	7,302 8 8	23,936	0 5 1
34,795 13 3	34,726 9 10	9,249 13 7	11,907 7 4	90,679 12 0	115,089	0 12 7
34,011 11 1	.....	.. ...	... .	34,011 11 0	...	.....
2,214 5 0	9,547 5 6	6,313 14 4	.....	18,105 8 10	14,264	1 4 4
758 0 0	8,320 4 3	3,490 9 0	... ..	12,577 13 3	13,218	0 15 3
728 15 0	7,252 4 4	. ....	.....	7,981 3 4	14,206	0 11 5
5,363 14 4	5,132 7 7	.....	.....	11,496 5 11	12,084	0 15 3
1,600 1 0	9,610 15 0	....	.....	11,211 0 0	15,269	0 11 9
342 0 0	6,382 2 3	3,041 6 1	.....	9,715 8 4	15,992	0 9 9
1,164 7 0	4,684 12 5	701 3 0	.....	6,550 6 5	7,944	0 13 2
.....	.....	.....	8,239 10 3	8,239 10 3	5,422	0 9 7
46,183 5 5	51,889 3 4	13,577 0 5	3,239 10 3	1,14,889 3 5	95,399	1 3 3
30,519 15 9	.....	.....	.....	30,519 15 9	...	... ..
.....	.....	3,408 6 7	.....	3,408 6 7	5,700	0 9 7
2,47,981 2 10	2,61,000 0 0	97,952 15 11	18,081 0 11	6,25,015 9 8	593 ..	1 0 10

STATEMENT

Showing Dispensary Vaccination in the

Districts.	Number of Dispensaries in each District to which a Vaccinator is attached.	Average number of Vaccinators attached to Dispensaries during the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.
1	2	3	4			5
BOMBAY CITY.			Males.	Females.	Total.	
His Majesty's Common Jail	...	...	...	...	...	...
His Majesty's House of Correction ...	...	...	...	...	...	...
Local Medical Practitioners	...	...	P. 4 R. 392	5 5	9 397	406
WESTERN REGISTRATION DISTRICT.						
West Khandesh District. — Dhulia Jail	1	S. M. S. officer.	P. ... R. 1,008	... 65	... 1,073	1,073
CENTRAL REGISTRATION DISTRICT.						
Poona District. — Yeravda Central Prison	1	Medical officer.	P. 71 R. 1,382	16 94	87 1,476	1,563
SOUTHERN REGISTRATION DISTRICT.						
Belgaum District. — Hindalgi Central Prison	...	...	P. 3 R. 783	2 54	5 837	842
Bijápur District. — Bijápur Prison	...	...	P. ... R. 689	3 29	3 718	721
GUJARAT REGISTRATION DISTRICT.						
Ahmedabad District. — Ahmedabad Central Prison	...	...	P. ... R. 1,863	... 49	... 1,912	1,912
Sabarmati Railway Dispensary .	...	...	P. 14 R. ...	11 ...	25 ...	25
Sadar Bazar Dispensary, Cantonment	...	...	...	...	...	...
Surat Dispensary	...	...	..	...	...	...
Mission Hospital, Bulsar	...	...	P. 20 R. 7	22 31	42 38	80
Mahi Kántha Agency. — Sádra Dispensary	...	...	P. ... R. ...	... ...	... ...	...
Total .	...	...	P. 34 R. 1,870	83 80	67 1,950	...

No. III

Bombay Presidency during the year 1925-26

Primary Vaccination.					Re-vaccination.			Percentage of Successful cases in which the results were known.		Percentage of unknown cases to total cases.	
	Successful.										
Total.	Under one year.	One and under six years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
6	7	8	9	10	11	12	13	14	15	16	17
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
9	9	...	9	...	397	...	397	100·00	...	...	100·00
...	...	...	...	...	1,073	1,073	...	...	100·00	...	...
87	7	5	22	...	1,476	81	145	25·20	2·33	...	9·82
5	5	...	5	...	837	837	...	100·00	100·00	...	...
	2	1	3	...	718	321	160	100·00	46·06	...	22·28
...	...	...	...	...	1,912	516·1	...	...	100·00	...	...
25	20	5	25	...	...	...	...	100·00	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
42	2	9	40	...	38	9	...	95·24	23·68	...	...
...	...	...	...	...	...	...	...	...	...	...	...
67	47	14	65	...	1,950	1,921	...	...	...	...	...

STATEMENT

Districts.	Number of Dispensaries in each district to which a vaccinator is attached.	Average number of Vaccinators attached to Dispensaries during the year.	Total number of persons Vaccinated.			Average number of persons Vaccinated by each vaccinator.
1	2	3	4			5
			Males.	Females.	Total.	
SIND REGISTRATION DISTRICT.						
Karachi District. — Karáchi Convict Gang	...	..	P. 83	62	145	268
			R. 74	49	123	
Hyderabad District. — Hyderabad Central Prison	...	...	P. 190	5	195	2,371
			R. 2,166	10	2,176	
Larkana District. — Larkana Sub-Jail	...	...	P. ...	...	...	...
			R. ...	...	...	
Sukkur District. — Sukkur Prison	...	...	P. 217	1	218	...
			R ...	...	...	
Total ...	...	...	P. 490	68	558	...
			R. 2,240	59	2,299	
Muska	..	...	P. 106	94	200	...
			R. ...	..	...	
TOTAL FOR THE — BRITISH TERRITORY		...	P. 708	221	929	...
			R. 8,364	386	8,750	
NATIVE STATES	...	...	P. ...	...	...	...
			R. ...	...	...	
GRAND TOTAL FOR THE BOMBAY PRESIDENCY		...	P. 708	221	929	...
			R. 8,364	386	8,750	

No. III—*concld.*

Primary Vaccination.					Re-vaccination.			Percentage of Successful cases in which the results were known.		Percentage of unknown cases to total cases.	
	Successful.										
Total.	Under one year.	One and under six years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
6	7	8	9	10	11	12	13	14	15	16	17
145	7	17	46	88	123	8	113	80·71	80·00	60·83	91·87
195	3	2	174	1	2,176	1,970	24	89·69	91·54	·51	1·10
...	...	...	...	...	...	...	...	...	...	...	...
218	1	...	218	...	...	...	...	100·00	...	...	...
558	11	19	438	89	2,299	1,978	137	93·39	91·49	15·95	5·96
Not available.											
929	81	39	542	89	8,750	6,161	839	64·52	77·87	9·58	9·59
...	...	...	...	...	...	...	...	...	...	...	...
929	81	39	542	89	8,750	6,161	839	64·52	77·87	9·58	9·59

STATEMENT

Comparative Statement showing the number of persons successfully vaccinated in each of the

Establishment.	Persons Primarily			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended			
	1916-1917.		1917-1918.	
Municipal	74,693	66,953	77,175	69,787
Local Fund	529,105	479,721	524,992	483,921
Cantonment	1,308	1,246	1,891	1,752
Native States	97,036	94,220	97,178	95,295
Dispensaries	1,530	1,166	1,651	1,509
Total ...	703,672	643,306		652,264

Establishment.	Persons Primarily			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended			
	1921-1922.		1922-1923.	
Municipal	80,258	69,818	80,048	70,658
Local Fund	455,216	413,115	466,085	422,766
Cantonment	1,914	1,588	1,421	1,280
Native States	39,425	36,989	39,403	37,019
Dispensaries	877	729	780	685
Total ...	577,690	522,239	587,737	532,408

No. IV

primarily vaccinated and the number of those persons who were undermentioned official years

VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH.					
1918-1919.		1919-1920.		1920-1921.	
70,481	62,636	67,217	58,567	71,503	62,806
437,968	399,370	454,364	407,269	435,433	392,041
1,622	1,406	1,529	1,393	1,548	1,290
88,850	87,335	84,478	82,448	81,719	79,613
867	800	947	785	473	444
599,788	551,546	608,535	550,462	590,676	536,184

VACCINATED—*concluded.*

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH—*concluded.*					
1923-1924.		1924-1925.		1925-1926.	
85,903	75,966	85,954	76,025	83,184	73,984
486,311	441,967	484,794	436,886	504,178	452,368
2,366	2,187	1,991	1,097	1,790	1,125
41,078	38,267	40,731	38,353	42,194	39,126
662	479	813	596	929	543
616,320	558,866	612,883	552,957	632,905	567,145

STATEMENT

Showing Particulars of Vaccination

District.		Total Number of persons vaccinated.		Total number inspected.			
				By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendent or other Inspecting Officers.	
		Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.
Western Registration District.	East Khándesh ...	39,960	1,073	...	...	13,606	261
	West Khándesh ..	23,054	241	1,384	1	7,362	109
	Násik ..	31,709	565	4,457	57	9,543	55
	Thána .	22,560	967	1,889	22	8,528	58
	Bombay Suburban ..	4,970	2,385	70	...	238	8
	Kolába ..	17,980	211	75	...	5,696	13
	Bombay City ..	18,866	8,878	4,928	...	6,888	...
Central Registration District.	Ahmednagar ..	25,786	407	20	...	6,432	15
	Poona .	28,032	2,438	1,048	12	2,288	18
	Sholápur ..	23,310	475	...	...	6,954	44
	Sátára ..	30,594	511	...	...	10,106	38
	Ratnágiri .	34,360	1,027	...	...	11,336	...
Southern Registration District.	Belgaum ..	30,077	12,607	1,915	26	10,869	456
	Dhárwár .	30,107	11,214	1,033	...	10,348	270
	Bijápur ..	26,088	17,533	101	...	8,012	121
	Kánara ..	12,805	7,589	...	...	4,648	771
Gujarát Registration District.	Surat ..	20,508	1,167	14	...	8,219	305
	Broach .	9,559	407	406	30	4,414	220
	Kaira ..	21,970	539	4,354	63	9,854	149
	Panch Mahális ..	12,174	268	...	...	4,105	33
	Ahmedabad ..	28,389	1,203	1,401	18	14,620	65
Sind Registration District.	Karáchi ..	15,712	4,590	677	30	3,696	134
	Hydorabad ..	13,557	477	19	...	4,324	103
	Nawábshah ..	11,565	581	...	...	4,254	77
	Thar and Párkar ..	12,266	2,528	19	...	3,814	342
	Lárkána ..	15,664	1,188	3,414	47	2,089	102
	Sukkur ..	16,709	1,051	48	...	5,567	265
	Upper Sind Frontier ..	8,055	1,269	249	3	2,250	81
Total for the Presidency ..		587,898	83,291	28,433	309	189,779	4,119

* Percentage of success in this column is calculated on

N.B.—Native States are excluded

No. V

verified by Inspecting Officers in 1925-1926

Percentage of Inspections to total number vaccinated.				Percentage of cases found successful of total number inspected.				*Percentage of success reported by Vaccinators.	
By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.		By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.			
Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.
...	...	34·05	24 51	...	...	95·24	44·87	73·25	25·03
0·00	·41	33·23	48·46	94·73	·00	94·39	22·11	75·01	19·20
14·06	10·09	30·10	9·73	95·71	33·33	97·80	43·63	78·50	28·85
8·37	2·28	37·70	6·00	98 94	13·18	99·40	32·76	88·87	34·64
1·59	...	4·79	0·34	98·73	...	100·00	37·50	80·99	9·47
0·42	...	28·34	6·16	100·00	...	98·00	23 08	85·86	7·14
26·12	...	36·51	...	99·03	...	18·58	...	99·18	·00
0·08	...	24 94	3·69	100·00	...	98·54	40·00	83·97	31·94
6·70	0·40	7·82	0·53	98 92	91·67	99·11	92·30	85·57	41·76
...	...	29·83	9 27	...	...	95·80	15·91	84·94	37·89
...	...	33·23	7·43	...	...	99·51	52·03	91·95	29·55
...	...	32·99	...	...	...	98·29	...	68·07	36·32
0·19	0·21	35·09	3·65	99·79	53·85	99·73	32·24	97·63	26·25
3·43	...	34·37	2·86	99·61	...	99·73	16·51	97·65	30·23
0·39	...	30·71	0·69	100·00	...	99·63	9·52	97·40	30·02
...	...	36·30	10·16	...	...	99·01	30·43	99·62	50·57
·07	...	40·08	20·14	92.86	...	99 62	26·89	87·81	22·02
4·25	7·37	46·18	56·37	99·75	10·00	99·28	17 47	87·54	22·36
19·52	11·71	44·35	27·70	99·08	47·62	99·38	33·56	91·69	27·32
...	...	33·72	12·31	...	...	99·22	18·18	90·01	26·49
4·95	1·50	51·53	5·40	99·00	50·00	99·09	10·77	89·93	19·54
4·31	·64	23·52	28·57	96·00	0·00	99·50	30·50	100·12	4·97
0·14	...	31·00	21·51	100·00	...	99·88	21·36	99·69	22·85
...	...	36·78	13·25	...	...	100·80	32·46	95·45	28·74
1·55	...	31·09	13 63	100·00	...	100·00	30·70	94·02	21·70
21·80	3·95	13·34	3·58	99·74	25·53	99·42	33·33	95·14	20·85
2·87	...	3·34	25·21	100·00	...	99·19	33·86	92·05	29·03
3·99	·24	27·93	0·31	100·00	66·66	99·33	22·22	95·06	18·74
4·84	0·37	32·28	4·95	91·86	31·07	96·11	23·74	89·72	21·64

the total, reported by vaccinators.

from this statement,

APPEN

STATEMENT

Showing the Particulars of Vaccination in

Number.	Circles and Districts.	Population of Native States according to Census of 1921.	Average Population per square Mile.	Average Number of Vaccinators employed throughout the year.
1	2	3	4	5
1	Idar	2,02,811	64	4
2	Cambay	71,679	207	2
3	Aundh (Pant Pratinidhi)	64,560	...	2
4	Akalkot	81,250	...	2
5	Bhor (Pant Sachiv)	1,30,420	...	3
6	Phaltan	43,286	...	1
7	Sávantwádi	2,06,440	...	6
8	Sangli State	2,21,321	199	6
9	Jamakhandi State	1,01,195	193	4
10	Miraj Senior State	82,580	241	2
11	Miraj Junior State	34,665	164	1
12	Kurundwad State (Senior)	38,760	210	1
13	Kurundwad State (Junior)	34,296	296	1
14	Mudhol	60,140	167	1
15	Ramdurg	38,997	205	1
16	Kolhápur	8,33,726	2,590	13
17	Janjira	87,534	270	2
18	Sachin	19,977	476	...
	Grand Total ...	23,48,637	...	52

DIX II

No. I

Native States during the year 1925-26

Total Number of Persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.			
				Total.	Successful.		
					Under one year.	One and under six years.	Total of all ages.
6			7	8	9	10	11
Males.	Females.	Total.					
P. 2,989	2,799	5,788	1,472	5,788	4,388	1,349	5,768
R. ...	...	101					
P. 1,249	1,158	2,407	1,210	2,407	1,192	388	2,320
R. 7	6	13					
P. 838	777	1,615	858	1,615	1,129	271	1,406
R. 59	43	102					
P. 1,431	1,287	2,718	1,447	2,718	1,928	688	2,692
R. 153	23	176					
P. 2,006	1,915	3,921	1,332	3,921	2,713	927	3,673
R. 58	17	75					
P. 675	640	1,315	1,451	1,315	1,174	137	1,315
R. 105	31	136					
P. 3,167	3,045	6,212	1,168	6,212	4,143	2,015	6,206
R. 519	276	795					
P. 4,111	3,708	7,819	1,469	7,819	6,682	986	7,792
R. 875	122	997					
P. 1,895	1,689	3,584	924	3,584	3,126	441	3,577
R. 93	20	113					
P. 1,971	1,780	3,751	1,985	3,751	3,155	528	3,741
R. 188	32	220					
P. 615	555	1,170	1,312	1,170	1,101	69	1,170
R. 130	12	142					
P. 645	663	1,308	1,613	1,308	1,089	206	1,298
R. 268	37	305					
P. 607	594	1,201	1,427	1,201	945	241	1,196
R. 218	8	226					
P. 1,058	1,114	2,172	2,660	2,172	1,481	680	2,171
R. 482	6	488					
P. 630	606	1,236	1,376	1,236	932	304	1,236
R. 138	2	140					
P. 13,512	12,860	26,372	2,201	26,372	19,822	6,228	26,361
R. 2,067	171	2,258					
P. 1,121	1,073	2,194	1,121	2,194	1,211	927	2,161
R. 38	10	48					
P. ...	...	...	...	...	...	...	...
R. ...	...	..					
P. 38,520	36,263	74,783	1,560	74,783	56,211	16,385	74,083
R. ...	...	6,315					

STATEMENT

Number.	Circles and Districts.	PRIMARY VACCINATION—*contd*	RE-VACCINATION.			Percentage successful which were
		Unknown.	Total.	Successful.	Unknown.	Primary.
1	2	12	13	14	15	16
1	Idar	...	101	25	76	99·55
2	Cambay	25	13	6	2	97·40
3	Aundh (Pant Pratinidhi)	190	102	4	9	98·67
4	Akalkot	26	176	155	18	100·00
5	Bhor (Pant Sachiv)	225	75	31	24	99·38
6	Phaltan	...	136	..	...	100·00
7	Sawantwadi	2	795	495	134	99·94
8	Sangli State	21	997	277	204	98·64
9	Jamkhandi State	6	113	65	18	99·94
10	Miraj Senior State	4	220	121	...	99·83
11	Miraj Junior State	...	142	142	...	100·00
12	Kurundwad State (Senior)	10	305	107	71	100·00
13	Kurundwad State (Junior)	3	226	91	...	99·83
14	Mudhol	1	488	46	103	100·00
15	Ramdurg	...	140	119	6	100·00
16	Kolhápur	3	2,238	1,959	11	99·96
17	Janjira	16	48	42	...	99·22
18	Sachin	...	...	...	...	...
	Grand Total ...	532	6,315	3,685	676	99·77

No. I—*contd.*

tage of successes in the results known.	Persons successfully vaccinated per 1,000 of Population.	Percentage of unknown cases to total cases.		Average annual Number of Persons successfully vaccinated during previous five years.		Average Annual Number of Deaths from Small-pox during previous five years.	
Re-vaccination.		Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
17	18	19	20	21	22	23	24
100·00	29·04	...	71·03	5,686	28·04	104	·51
54·54	32·45	1·04	15·38	2,236	31·19	...	...
4·30	21·84	11·76	8·82	1,759	27·25	...	...
98·10	35·04	·95	10·23	2,947	36·27	...	...
60·78	28·40	5·73	32·00	2,453	18·81	...	...
·00	30·37	...	...	1,854	42·83	.	...
74·88	32·45	·03	16·86	5,679	27·51	...	...
34·93	36·57	·27	20·46	7,907	35·73	...	...
68·42	35·93	·17	15·93	3,525	34·83	...	...
55·00	46·71	·11	..	3,424	41·46	...	...
100·00	37·85	...	...	1,229	35·45	...	...
45·73	36·25	·76	23·28	1,452	37·46	...	...
40·26	37·53	·25	...	1,289	37·58	...	...
11·95	36·86	·05	21·07	1,690	28·10	...	...
88·80	39·86	...	4·28	1,254	36·89	...	...
87·97	33·97	·01	·49	26,759	32·10	...	...
87·50	25·16	·73	...	2,055	23·48	...	...
...	...	...	...	...	...	...	...
65·35	33·11	·71	10·70	73,198	31·12	...	...

STATEMENT No. I—*concld.*

Summary

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which results were known.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
By Special Staff (Statement I).	74,783	6,315	74,783	6,315	99·77	65·35

	Average number of persons vaccinated by each vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
	Vaccinators employed.	Persons vaccinated by each vaccinator.	Under one year.	One and under six years.			
						Rs. a. p.	Rs. a. p.
By Special Staff (Statement I).	52	1,560	56,211	16,385	33·12	37,756 6 8	0 7 9

STATEMENT II

STATEMENT

Showing the Cost of the Department in

No.	Circles and Districts.	European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.	Vaccinators.	Pay.	Clerks.	Pay.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
1	Idar ...	...	...	1	266 10 8	4	817 8 0	...	...
2	Cambay ...	...	...	2	3,840 0 0	2	840 0 0	...	...
3	Akalkot ...	...	...	1	405 0 0	2	668 0 0	..	...
4	Phaltan ...	...	...	...	...	1	228 0 0	...	...
5	Bhor ...	...	...	1	432 0 0	4	769 4 2	...	...
6	Savantwadi ...	...	...	1	720 0 0	6	1,634 0 0	...	...
7	Aundh (Pant Pratinidhi).	...	...	...	...	2	552 0 0	...	...
8	Kolhapur State ...	...	...	1	420 0 0	13	3,234 0 0	...	...
9	S. M. Country States.	...	...	7	2,218 2 8	17	4,260 8 4	...	...
10	Janjira ...	...	...	2	1,238 7 10	...	...	...	...
11	Sachin ...	...	...	...	...	...	...	...	...
	Total ...	...	...	14	8,301 13 4	53	14,180 12 4	...	...

No. II

the Native States during the year 1925-26

diture.						Paid from	
Posts, etc.	Pay	Total Pay of Establishment.	Travelling Allowances.	Contingencies.	Total Cost.	Imperial Funds.	Provincial Funds.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5	420 0 0	1,504 2 8	...	573 0 0	2,077 2 8	...	...
2	264 0 0	4,944 0 0	...	372 8 0	5,316 8 0	...	...
3	365 10 0	1,338 10 0	330 15 6	61 0 0	1,730 7 6	...	...
1	125 10 8	363 10 8	117 3 0	22 2 3	492 14 11	...	...
4	332 0 0	1,623 4 2	352 8 0	360 6 1	2,236 2 3	...	...
6	864 0 0	3,218 0 0	459 12 0	42 10 0	3,720 6 0	...	...
2	216 0 0	768 0 0	460 8 3	32 9 6	1,261 1 9	...	...
14	1,302 0 0	5,046 0 0	1,462 0 0	226 3 0	6,734 3 0	...	...
24	2,603 14 5	9,171 9 5	3,165 3 5	623 3 11	12,959 0 9	...	...
...	...	1,238 7 10	...	...	1,238 7 10	...	...
...	...	...	...	...	...	...	...
61	6,673 3 1	29,105 12 9	6,337 15 2	2,312 10 9	37,766 6 8	...	...

STATEMENT II—*concld.*

No.	Circles and Districts.	Paid from—*contd.*			Total.	Number of all successful Vaccinations and Re-vaccinations.	Average cost of each successful case.
		Local Funds.	Municipalities.	Native States.			
		Rs.	Rs.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Idar	...	...	2,077 2 8	2,077 2 8	5,793	0 5 9
2	Cambay	...	...	5,316 8 0	5,316 8 0	2,326	2 4 7
3	Akalkot	...	...	1,730 7 6	1,730 7 6	2,847	0 9 9
4	Phaltan	...	...	492 14 11	492 14 11	1,315	0 6 0
5	Bhor	...	...	2,236 2 3	2,236 2 3	3,704	0 9 8
6	Savantwadi	...	...	3,720 6 0	3,720 6 0	6,701	0 8 11
7	Aundh (Pant Pratinidhi) ...	...	...	1,261 1 9	1,261 1 9	1,410	0 14 4
8	Kolhapur State	...	...	6,724 3 0	6,724 3 0	28,320	0 3 10
9	S. M. Native States	...	...	12,059 0 9	12,059 0 9	23,149	0 8 11
10	Janjira	...	...	1,238 7 10	1,238 7 10	2,203	0 9 0
11	Sachin	...	...	...	...	...	...
	Total ...	...	...	37,756 6 8	37,756 6 8	77,768	0 7 9

STATEMENT IV

STATEMENT

Showing the number of persons primarily vaccinated and the each of the undermen

Establishment.	Persons Primarily					
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended					
	1916-1917.		1917-1918.		1918-1919.	
Idar	5,168	4,311	4,026	3,327	...	...
Cambay	2,200	2,198	2,066	2,055	1,995	1,985
Bhor (Pant Sachiv)	3,436	3,336	3,114	3,052	2,818	2,794
Phaltan	1,248	1,159	1,651	1,564	1,260	1,190
Sávantvádi	6,146	6,079	5,911	5,880	5,170	5,164
Aundh	...	...	...	...	...	...
Akalkot	3,455	3,389	3,103	3,009	2,744	2,693
Janjira	...	...	...	...	...	...
Southern Maratha Country States...	...	...	...	...	...	...
Kolhapur	...	...	...	...	...	...
Sachin	...	...	...	...	...	...
Total ...	26,651	20,472	19,876	18,887	13,982	13,826

No. IV

number of those persons who were successfully vaccinated in tioned official years

VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH.							
1919-1920.		1920-1921.		1921-1922.		1922-1923.	
Not received.		5,806	5,650	5,945	5,825	5,887	5,734
1,847	1,841	1,781	1,769	2,121	2,090	2,047	1,881
3,326	3,265	2,915	2,786	2,791	2,742	3,135	3,020
1,515	14.41	1,475	1,450	1,251	1,250	1,245	1,242
5,094	5,087	4,613	4,604	4,819	4,812	5,387	5,382
.....	.....	1,743	1,565	1,965	1,824	2,071	1,906
3,049	2,994	2,963	2,895	3,149	3,072	3,010	2,965
.....	.....	.....	.....	1,915	1,906	2,019	2,013
.....	.....	.....	.....	20,821	20,747	21,062	21,006
.....	.....	.....	.....	24,428	24,419	25,435	25,415
.....	.....	.....	.....	.....	.....	.....	.....
14,831	14,628	21,285	20,719	69,205	68,687	71,298	70,564

STATEMENT No. IV—*concld.*

Establishment.	PERSONS PRIMARILY VACCINATED—*concluded.*					
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	YEARS ENDED ON 31ST MARCH—*concluded.*					
	1923-1924.		1924-1925.		1925-1926.	
Idar	6,330	6,180	6,021	5,899	5,788	5,768
Cambay	2,167	2,130	2,438	2,384	2,407	2,320
Bhor (Pant Sachiv)	2,764	2,797	3,988	3,788	3,921	3,673
Phaltan	1,507	1,506	1,356	1,356	1,315	1,315
Sávantvádi	2,496	2,361	6,637	6,637	6,212	6,206
Aundh	6,064	6,063	1,968	1,779	1,615	1,406
Akalkot	1,890	1,638	2,970	2,930	2,718	2,692
Janjira	2,145	2,142	2,172	2,166	2,194	2,161
Southern Maratha Native States ...	20,924	20,866	20,867	20,810	22,241	22,181
Kolhapur	26,004	25,995	27,158	27,155	26,372	26,361
Sachin	...	...	2	1	...	...
Total ...	72,291	71,638	75,577	74,905	74,763	74,083

APPENDIX III

Statement showing the number of Vaccinations performed in Municipal Towns on children under one year of age

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1925.	Number of successful vaccinations on children under one year during the year ending March 1926.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
1	Dhulia ...	1,098	160	885	15th June 1925.
2	Nandurbár ...	519	90	208	Nil.
3	Jalgaon ...	598	122	519	Do.
4	Chopda ...	457	59	364	Do.
5	Nasirabad ...	616	142	201	Do.
6	Násik ...	1,066	289	806	Do.
7	Yeola ...	422	97	568	Do.
8	Málegaon ...	720	142	515	Do.
9	Thana ...	364	70	498	Do.
10	Kalyán ...	482	81	171	Do.
11	Alibág ...	125	19	135	Do.
12	Mahád ...	110	14	51	Do.
13	Panwel ...	173	23	91	Do.
14	Deolali Cantonment.	22	12	21	August 1915.
15	Bándra ...	597	117	500	August 1900.
16	Kurla ...	871	92	611	Do.
17	Bombay City ...	20,268	7,212	12,025	September 1877.
18	Ahmednagar ...	939	163	928	Nil.
19	Ahmednagar Cantonment.	231	40	12	26th April 1925.
20	Vámbori ...	135	20	146	Nil.
21	Sangamner ...	366	29	107	Do.
22	Poona City ...	2,411	1,472	2,761	Do.
23	Poona Cantonment .	87	44	535	Do.
24	Kirkee Cantonment.	148	53	255	Do.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1925.	Number of successful vaccinations on children under one year during the year ending March 1926.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
25	Sáswad ...	132	16	112	Nil.
26	Jejuri ...	116	18	34	Do.
27	Bárámati ...	342	59	260	Do.
28	Indapur ...	164	18	100	Do.
29	Sirur ...	57	4	111	Do.
30	Khed ...	198	27	168	Do.
31	Lonávla ...	182	63	78	Do.
32	Talegaon Dábhada...	161	16	14	Do.
33	Alandi ...	42	8	14	Do.
34	Junnar ...	212	28	126	Do.
35	Poona Suburban ...	155	51	170	Do.
36	Sholápur ...	4,082	948	1,958	Do.
37	Bársi ...	735	178	351	Do.
38	Karmála ...	231	30	153	Do.
39	Sángola ...	162	29	112	Do.
40	Pandharpur ...	801	380	364	Do.
41	Sátára ...	339	96	379	Do.
42	Wái ...	297	27	190	Do.
43	Rahimatpur ...	156	9	67	Do.
44	Karád ...	186	15	319	Do.
45	Islámpur ...	218	21	200	Do.
46	Ásbta ...	254	23	142	Do.
47	Tásgaon ...	331	44	139	Do.
48	Vita ...	177	26	73	Do.
49	Mhasvad ...	260	130	23	Do.
50	Málcolmpeth ...	75	17	52	Do.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1925.	Number of successful vaccinations on children under one year during the year ending March 1926.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
51	Sátára Suburban ...	42	3	40	Nil.
52	Panchgani ...	20	6	14	Do.
53	Vengurla ...	633	73	109	Do.
54	Chiplun ...	317	19	217	Do.
55	Ratnagiri ...	314	15	193	Do.
56	Malwan ...	543	50	246	Do.
57	Belgaum ...	974	160	798	Do.
58	Belgaum Cantonment.	36	11	132	26th April 1925.
59	Nipáni ...	351	28	434	Nil.
60	Athani ...	351	31	284	Do.
61	Gokák ...	306	43	195	Do.
62	Saundatti ...	171	35	164	Do.
63	Dhárwár ...	807	76	972	Do.
64	Hubli ...	1,790	192	2,188	Do.
65	Gadag-Bettigeri ...	1,426	256	1,053	Do.
66	Navalgund ...	201	31	200	Do.
67	Nargund ...	244	31	66	Do.
68	Ránebennur ...	554	105	286	Do.
69	Byádgi ...	200	29	48	Do.
70	Gudguddapur ...	44	4	13	Do.
71	Háveri ...	229	14	157	Do.
72	Shiddedevapur ...				
73	Bijápur ...	889	103	811	Do.
74	Bágalkot ...	722	137	518	Do.
75	Guledgudda ...	608	137	369	Do.
76	Ilkal ...	361	81	422	Do.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1925.	Number of successful vaccinations on children under one year during the year ending March 1926.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
77	Kárwár ...	314	41	70	Nil.
78	Kumta ...	338	38	267	Do.
79	Honáwar ...	239	19	147	Do.
80	Bhatkal ...	202	18	65	Do.
81	Sirsi ...	161	30	17	Do.
82	Halyál ...	84	22	122	Do.
83	Gokarn ...	216	32	117	Do.
84	Ulvi ...	2	.....	4	Do.
85	Surat ...	4,077	1,347	2,083	Do.
86	Ránder ...	268	22	108	Do.
87	Bulsar ...	570	55	220	Do.
88	Broach	1,751	275	1,012	Do.
89	Jambusar ...	438	95	226	Do.
90	Ankleshwar ...	472	81	164	Do.
91	Kaira ..	274	38	144	Do.
92	Mehmedabad ...	274	63	169	Do.
93	Nadiád ...	1,095	286	679	Do.
94	Borsad ...	625	112	357	Do.
95	Anand ...	318	43	323	Do.
96	Umreth ...	608	102	319	Do.
97	Dákore ...	283	66	147	Do.
98	Kapadvanj ...	571	88	417	Do.
99	Godhra ...	1,052	180	638	Do.
100	Dohad ...	593	95	232	Do.
101	Ahmedabad	11,238	3,627	7,999	6th July 1918.
102	Dhandhuka ...	336	42	117	Nil.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1925.	Number of successful vaccinations on children under one year during the year ending March 1926.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
103	Viramgaon ...	739	190	411	Nil.
104	Dholka ..	575	94	265	Do.
105	Karáchi ...	9,366	2,082	5,487	October 1879.
106	Hyderabad ..	2,761	708	747	February 1914.
107	Hyderabad Cantonment.	34	3	43	Do.
108	Lárkáná ...	620	167	263	April 1899.
109	Sukkur	1,194	293	565	June 1904.
110	Rohri ...	327	84	189	Do.
111	Shikárpur ...	1,725	561	1,117	Nil.
112	Tatta ...	133	39	73	Do.
113	Jacobabad ...	218	66	148	Do.
114	Aden ...	771	Not available	130	28th December 1916.

P 4—13

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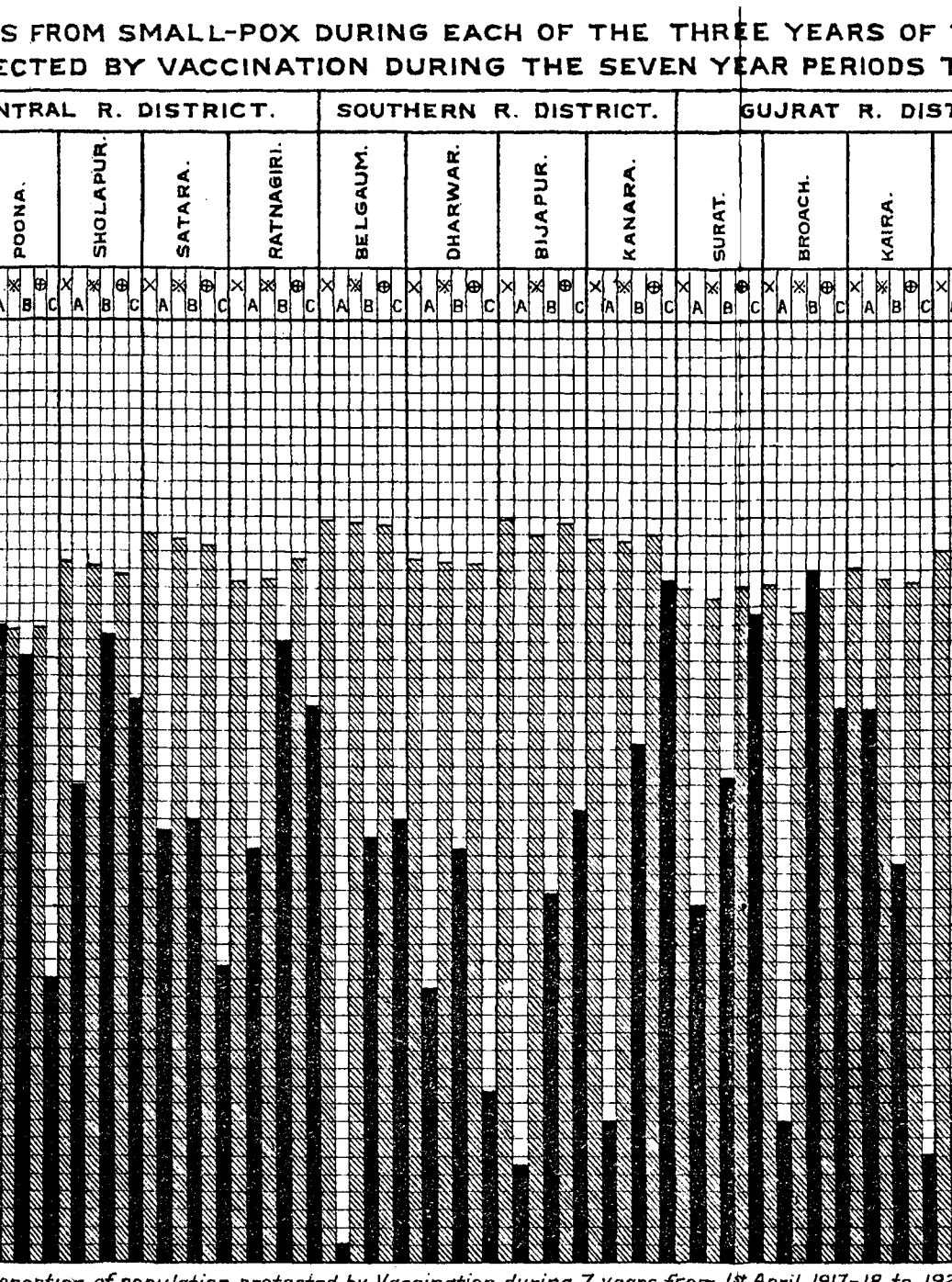

oportion of population protected by Vaccination during 7 years from 1st April 1917-18 to 192
,, ,, ,, ,, ,, ,, ,, 1918-19 to 192
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Annual Notes

on

Vaccination in the Bombay Presidency

for the Year 1926-27

(with Appendices)

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NOTES ON VACCINATION IN THE BOMBAY PRESIDENCY FOR THE YEAR 1926-1927

1. *Selected Districts.*—The system introduced in the year 1910 by which the control of vaccination in one district of each Registration Circle is exercised by the Local Board of that District was continued throughout the year.

2. *Changes in area and administration.*—In Sind, 1,973 villages and in Central Registration District 10 villages are said to have been depopulated.

In Muscat town vaccination was carried out on a voluntary basis at the Agency Hospital only when Small-pox was prevailing. Two hundred and forty-nine persons were vaccinated during the year.

3. *Changes in supervising staff.*—The following table shows the various officers who held the appointments of Director and Assistant Directors of Public Health and the Director, Vaccine Institute, Belgaum, during the year under report :—

Appointment	Name	Period	Remarks
Director of Public Health.	Lt.-Colonel W. O.'s Murphy, I.M.S.	1st April 1926 to 31st October 1926.	On Combined leave. Services transferred to the Government of India from 1st November 1926.
	Lt.-Colonel H. M. H. Melhuish, D.S. O., I.M.S.	1st April 1926 to 11th February 1927.	Acting from 1st April to 31st October 1926.
	Dr. J D. Munsiff, M.R.C.P., F.R.C. S., D.P.H.	12th February to 31st March 1927.	Acting.
Assistant Director of Public Health, Western Registration District.	Dr. J. D. Munsiff, M.R.C.P., F.R.C. S., D.P.H.	1st April 1926 to 1st February 1927.	
	Major B. E. Eminson, M.B.B.S., I.M.S.	2nd February to 22nd March 1927.	Acting in addition to his own duties as Civil Surgeon, Nasik.
	Major, W. C. Spackman, M.B.B.S., I.M.S.	23rd February to 31st March 1927.	Do., do.
Assistant Director of Public Health, Central Registration District.	Dr. Accacio da Gama, D.P.H.	1st April to 18th May 1926 and 3rd June 1926 to 31st March 1927.	On leave from 19th May to 2nd June 1926.
	Mr. J. B. Mama, L.M.S., D.P.H.	19th May to 2nd June 1926.	Acting in addition to his own duties as officer in charge, Public Health Laboratory.

Appointment	Name	Period	Remarks
Assistant Director of Public Health, Gujarat Registration District.	Dr. K. A. Gandhi, D P.H.	1st April to 14th October 1926 and 20th November 1926 to 31st March 1927.	On deputation to Saharanpur, 15th October to 19th November 1926.
	Major W. C. Spackman, M.B.B.S., I.M.S.	15th October to 19th November 1926.	Acting in addition to his own duties as Civil Surgeon.
Assistant Director of Public Health, Sind Registration District.	Dr. R. V. Shiveshwarkar, D.P.H.	1st April 1926 to 31st March 1927.	
Assistant Director of Public Health, Southern Registration District.	Dr. J. L. Pinto, D.P.H.	1st April 1926 to 31st March 1927.	
Director, Vaccine Institute, Belgaum.	Dr. J. L. Pinto, D.P.H.	1st April 1926 to 31st March 1927.	Acting in addition to his own duties.

4. *Changes in the strength of establishment.*—In consequence of the entertainment of a full-time vaccinator by the Dhulia Municipality as a result of the introduction of the Bombay District Vaccination Act, the Shirpur Municipality resolved that a joint post of vaccinator and Birth and Death Registration Karkun should be created and the Birth and Death Karkun who had received adequate training as a vaccinator should be appointed. This arrangement was sanctioned temporarily as an experimental measure pending the personal inspection of the working by the Assistant Director of Public Health.

The Bijapur Municipality appointed a full-time vaccinator for the City and cancelled the former arrangement by which the town and the taluka shared the services of one vaccinator between them.

This necessitated the re-arranging of taluka work. It was done by dividing Bijapur Taluka excluding Bijapur City into two divisions—Northern and Southern and distributing the work among the existing staff. No extra vaccinator had to be engaged by the Bijapur District Local Board.

The Kurundwad Senior State entertained an independent Inspector of Vaccination, as the experimental arrangement of entrusting vaccination inspection work to the Medical Officers of the Taluka Dispensaries did not prove satisfactory.

The Darbar of Bansda State has proposed to make its own arrangements for vaccination.

In Aden four male and three female vaccinators were engaged temporarily during an outbreak of Small-pox.

The permanent strength of the Department was the same as in the previous year.

Primary Vaccination (Appendix I, Statements I and III)

5. During the year 1926-27, 663,052 persons were primarily vaccinated against 673,235 in the previous year. The decrease is observed in the Southern, Gujarat and Sind Registration Districts. The main cause of the decrease is the prevalence of cholera towards the end of vaccination year in the Karnatik. The services of vaccinators in the badly affected Talukas were utilized for cholera duty.

In Kanara the decrease is due to the fact that during the previous year there was Small-pox prevailing in the District and large numbers of vaccinations had been performed exceeding the total average fixed.

The work of vaccination in the Selected District of Bijapur was found on the increase and satisfactory.

The decrease in Sind Registration District occurred after September 1926 owing to heavy rains and floods in almost the whole of Sind which made travelling difficult for vaccinators and people were unwilling to get their children vaccinated during such unsettled conditions and partly to the prevalence of malaria. Some vaccinators could not visit all the villages in their charges owing to the distances between these being too great to be completed in one year, and the prevalence of Small-pox necessitating their presence in the affected parts.

The highest decrease was noticeable in the Sukkur (Selected) District.

6. *Results.*—Out of 663,052 vaccinations, 567,670 or 85·61 per cent. were successful, 1,186 or ·18 per cent. were unsuccessful and the results could not be ascertained in the remaining 14·21 per cent. of the cases. Owing to failure of the first operation 73 persons were operated on a second time.

7. *Age and Sex.*—Of the primary vaccinations, 433,534 or 65 per cent. were of infants under one year of age and 126,078 or 19 per cent. of children between the ages of one and six years. By sex, 352,677 were males and 310,375 females equal to a proportion of 113·63 to 100.

Re-vaccination (Appendix I, Statements I and III)

8 During 1926-27, 117,264 persons were re-vaccinated against 135,996 in the last year showing a decrease of 18,732. The percentage of successful re-vaccinations was 20·95. The results in 55·05 could not be ascertained.

Vaccination in Indian States (Appendix II, Statement I)

9. *Vaccination of pilgrims at Karachi.*—Temporary vaccination establishment consisting of one male and one female vaccinator, one clerk and one coolie was entertained in Karachi for the vaccination of pilgrims proceeding to Hedjaz. 11,475 pilgrims were vaccinated in Karachi, out of these 9,662 were males and 1,813 females—all were cases of re-vaccination. The total expenditure incurred on the

vaccination of these pilgrims amounted to Rs. 871-9-0. In the preceding year 2,803 pilgrims were vaccinated and the total expenditure amounted to Rs. 621-11-4.

10. In the Native States 75,225 persons were primarily vaccinated against 74,783 in 1925-26. The number of successful cases was 74,639 or 99·22 per cent. The percentage of success excluding unknown was 99·85.

Re-vaccinations numbered 4,802 against 6,315 in the previous year. The success rate excluding unknown cases was 74·87.

11. *Total operations.*—During the year the total number of primary vaccinations performed amounted to 738,277 and of re-vaccinations 122,066 against 748,018 and 142,311 in 1925-26.

12. *Incidence of Small-pox.*—The heaviest incidence of Small-pox occurred during the first quarter of the year in Surat and Panch Mahals Districts. In the second quarter of the year it gradually went down in Surat, Broach, Panch Mahals and Ahmedabad Districts but again assumed an epidemic form in the last quarter in Surat District. Out of 2,137 cases reported from Surat District, Surat City alone was responsible for 945 cases. This shows the necessity for the introduction of the Compulsory Vaccination Act. One extra vaccinator was engaged for two months and house to house vaccination work was done. Services of the Inspector of Sanitation and Vaccination of the District were lent to the Medical Officer of Health, Surat Municipality, from February to April 1927 to help him in organizing and carrying on a systematic vaccination campaign and checking the further spread of the disease. Small-pox also prevailed in East Khandesh, Ratnagiri, Karachi and Larkana Districts.

Towards the end of the year an epidemic of Small-pox broke out in Poona City. With the object of starting an extensive vaccination campaign an informal meeting was called at the office of the Director of Public Health to which the Assistant Director of Public Health, the Executive Officers of the two Cantonments (Kirkee and Poona), the President and the Medical Officer of Health, Poona City Municipality, the President of the Poona Suburban Municipality and the representative of the District Surgeon, G. I. P. Railway, Poona, were invited.

It was resolved that the number of vaccinators in the City in the Suburban area and the Cantonments should be increased; that special meetings of the Municipalities should be held at which the Assistant Director of Public Health should explain the benefits of vaccination and enroll the sympathy of the Councillors in promoting a vaccination campaign; if slides could be procured, to hold magic lantern demonstrations; and exhibit charts at different vaccination stations showing the difference in mortality among the vaccinated and unvaccinated. An account of the meeting and a note giving details of the incidence of Small-pox and measures adopted to cope with the disease were published in several local newspapers in order to allay the panic among the people. As a result of the campaign during the two following months (April and May) 1,013

vaccinations were performed in Poona City; 642 in the Suburban area; and 733 in the two Military Cantonments. Two special vaccinators were entertained by the Municipalities of Poona City and Poona Suburban.

In some cases it was noticed that timely intimation of appearance of Small-pox was not given owing to the ignorance or carelessness of village officers. Attention of the Revenue Authorities was frequently drawn to this glaring neglect and it is hoped that such cases will decrease as the village officials are made to understand their responsibility in this connection.

13. *Vaccination Campaigns.*—Special vaccination campaigns among school children in Municipal towns and Taluka Headquarters were conducted as usual during the last monsoon by the Inspectors of Sanitation and Vaccination. These campaigns serve to reduce the number of unprotected children of school-going age in each town to a certain extent but owing to the apathy of the parents in some cases, and oppositions in others, they do not do as much good as could be expected.

On receipt of information of the occurrence of Small-pox from Railway Medical Officers the vaccinators are directed to introduce lymph at the places reported without delay.

Vaccination in Police Lines and out-posts is being carried out regularly, special visits being paid by the vaccinators every month for the purpose.

The Vaccinators in charge of big fair centres were directed to push on primary and re-vaccinations in and around the centres well in advance with the object of keeping these places immune from the disease. As a result, all the fair centres were free from Small-pox during the year under report.

Vaccine Institute, Belgaum

14. *Repairs.*—Current repairs were done as usual by the Public Works Department.

Refrigerating plant and machinery.—The working of the refrigerating plant and machinery was satisfactory. The average maximum and minimum temperature readings have been 15·92°F and 8·14°F respectively with a mean of 12·03°F. The maximum temperature recorded during the year was 17·5°F.

During the year under review the replating of the battery was carried out. All the positive plates and a few nagative plates were renewed.

The existing engine whose running expenses appear to be excessive has not yet been replaced by a new one. Expert advice from the Electrical Engineer is to be sought for on the subject.

Expriments of keeping the lymph in cold storage under these temperatures for longer time than usual with a view to observing the effects of temperature and time on its potency have been carried out and will be carried out in the next year so as to arrive at a definite conclusion.

Drainage.—The drains have continued to work satisfactorily. Effluent from the septic tank was utilised on sewage farm for crops of lucern and banana trees. During the rains about an acre of the sewage farm was used for crops of bajri and jowari which was used as fodder for calves.

Water supply.—During the summer months shortage of water was keenly experienced. Strict economy in the supply was essential. Well No. 3 which had no masonry lining has been taken in hand by the Public Works Department since March 1927 and the work is in progress. It is hoped that when this work has been completed the water shortage will cease.

Cattle Disease.—An outbreak of Piroplasmosis occurred among calves. Out of 106 calves, 13 were affected, out of which 6 died. The first two cases were detected in the waiting stables on 11th November 1926, after the calves had passed the quarantine period of a fortnight. The infection was confined to the waiting stables only. This epidemic terminated on 17th December 1926. The preventive measures which were adopted by the Institute during the epidemic were found effective and the Director of the Imperial Institute of Veterinary Research, Muktesar, expressed his opinion that the preventive measures adopted at the Vaccine Institute could not have been improved upon.

One calf was said to have been bitten by a snake on the grazing ground. The snake was not traced. The calf was treated with anti-venin and recovered.

Lymph Supply.—Careful selection of vesicles on calves at the time of collecting the pulp helped to maintain the quality of lymph at a uniform level.

The potency of seed lymph was maintained by its passage through rabbits.

Tests of potency of lymph before issue.—The practice of testing the potency of every lymph manufactured in the Institute before its issue to vaccinators, etc., was continued during the year.

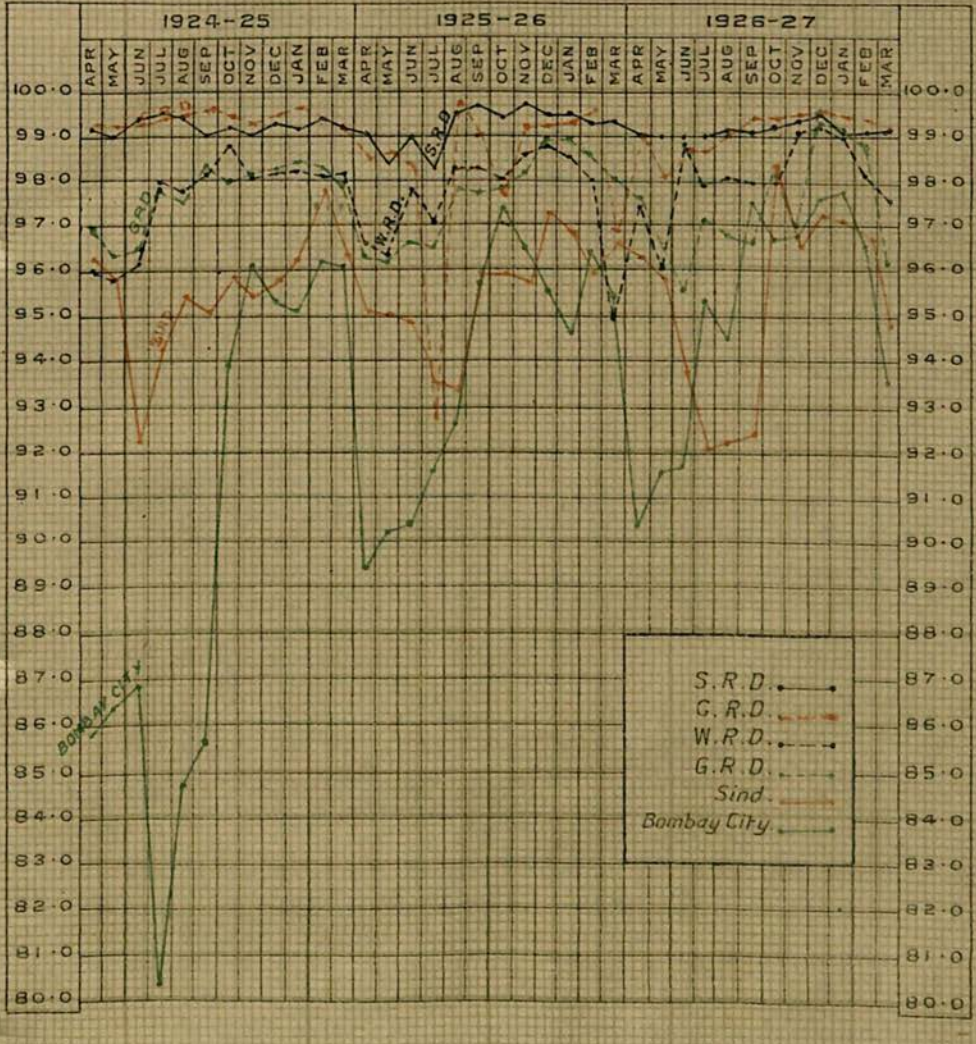
The Director General of Indian Medical Services, during his last visit to this Institute, expressed his approval of the above measure.

Distribution of lymph.—1,215,330 doses of lymph were issued during the year as against 1,215,785 during 1925-26. Besides the Vaccinators of the Presidency, lymph was supplied to Baroda, Kotah and Jhalwar. Kathiawar, Palanpur and Mahi Kantha Agencies and Idar States. Civil Medical Officers and others in Zanzibar, Aden, Portuguese Territory, Persian Gulf and Arabia were supplied with 91,395 doses of lymph and Military Medical Officers with 34,635 doses.

Wastage.—The percentage of doses wasted in Sind Registration District was high but shows some improvement in common with other Registration Districts.

The results of primary vaccinations performed by the vaccinators were carefully inspected. A chart showing the results of monthly primary vaccinations in the five Registration Districts and in the Bombay City for three years is attached.

Insertion Success rates of Primary Vaccinations with glycerinated lymph in the several Registration Districts of the Presidency & Bombay City for the years 1924-25, 25-26 & 26-27.



Expenditure.—The total expenditure for the year amounted to Rs. 49,218-14-5 excluding expenditure on cold store and annual repairs to buildings as against Rs. 60,766-11-0 last year. There is thus a decrease in expenditure of Rs. 11,547-12-7 and it is partly due to the non-employment of a full-time Director, Vaccine Institute, and partly to the new recruitment consequent on the retirement of certain senior members of the staff. The net expenditure after deducting sale proceeds from non-contributing constituents was Rs. 22,076-12-2 against Rs. 34,519-15-9 in the previous year. The cost of lymph per dose manufactured was 10·71 pies and the cost per dose despatched was 13·39 pies.

Mr. M. G. Pandit, L.C.P.S., who has been taken on the supervising staff was sent to the Sanitary Surveyors' and second Class Health Officers' Classes, Bombay, as a Government nominee. He passed both the examinations with distinction.

The construction of a suitable rabbit house in the compound of the Institute at an estimated cost of Rs. 6,132 has been administratively approved by Government and the work will be commenced as soon as funds are provided.

The following projects are still under consideration :—

(1) Quarters for the staff.

(2) A new school house.

(3) Lecture hall.

(4) A hostel.

15. *Lymph in use.*—The quality of lymph supplied from the Belgaum Vaccine Institute was excellent, no other lymph being used in the Registration Circles. The following table shows the results of vaccinations performed in 1926-27 :—

Districts	Number of operations		Successful excluding unknown		Percentage of success	
	Primary Vaccination	Re-vaccination	Primary	Re-vaccination	Primary	Re-vaccination
Western Registration District.	144,972	4,769	115,142	1,823	99·80	58·52
Bombay City ...	20,026	23,076	18,634	21	99·63	95·45
Central Registration District.	145,402	10,426	129,055	1,502	99·91	46·65
Southern Registration District.	102,711	37,888	99,404	10,687	99·94	89·65
Gujarat Registration District.	123,365	4,588	112,100	1,106	99·68	31·78
Sind Registration District.	97,738	18,753	91,885	1,505	99·82	79·96

16. *Cost of Vaccination* (*Appendix I, Statement II*).—The cost of vaccination came to Rs. 6,16,932 against 6,25,016 a decrease of

Rs. 8,084. The average cost of each successful case of vaccination remains the same as last year, *i.e.*, Rs. 1-0-10.

The decrease in expenditure is attributable to the Civil Surgeon, Nasik, holding charge of the office of the Assistant Director of Public Health, Western Registration District, in addition to his own duties from 2nd February 1927 which resulted in saving in salary till the appointment of a full time Assistant Director of Public Health. Besides, the replacement of senior Inspectors of Sanitation by junior ones augmented to these savings. In Sind the decrease in expenditure is due to the fact that the cost of temporary vaccination establishment entertained in Thar and Parkar District paid from Provincial Revenues in the previous year was debited to Local Funds during the year under report.

Inspection work of the Assistant Directors of Public Health and Inspectors of Sanitation and Vaccination

17. The Assistant Directors of Public Health inspected 18,917 vaccinated persons or 3·29 per cent. in 655 towns and villages and they travelled 50,468 miles. The Inspectors of Sanitation and Vaccination inspected 214,242 persons in 9,610 towns and villages travelling 694,036 miles. Thus the results of 233,159 vaccinations or 40·48 per cent. were checked by examination. The success rate of primary vaccinations as ascertained by the Assistant Directors of Public Health was 97·08 and by Inspectors 96·54.

Compulsory Vaccination

18. The Compulsory Vaccination Act has been newly introduced in Bhusawal Town in East Khandesh.

Compulsory Vaccination Act in Belgaum Cantonment continued ; during the year vaccination was done by a part-time Vaccinator and his work was also supervised by a part-time Inspector of Sanitation and Vaccination. The working of the Act did not run as satisfactorily as it should have been. So the Belgaum Cantonment Board desired to carry out the work by the Medical personnel of the Military Department to facilitate the enforcing of the Act and the control has been transferred to the Military.

In Aden four male and three female temporary vaccinators were engaged in addition to the present five vaccinators. The total number of vaccinations and re-vaccinations performed in the whole Settlement of Aden was 28,136 and 8,060 respectively against 41,030 and 40,760 during the preceding year. There were 10 attacks and 2 deaths from small-pox against 21 and 5 in the previous year. In Deolali Cantonment there were 142 primary vaccinations performed by the S.M.S. Officer in charge of Cantonment Hospital, Deolali, of which 121 cases were returned as successful giving a percentage of 100 ; 109 persons were re-vaccinated of which 50 persons were returned as successful giving a percentage of 52·08.

At the recommendation of the Assistant Director of Public Health, Sind Registration District, the Hyderabad Municipality sanctioned the appointment of an additional vaccination Karkun.

Hyderabad is still backward in vaccination. The percentage of children under one year successfully vaccinated in Karachi town was 76·17 and in Hyderabad town 32·21.

Except in Ahmedabad and Karachi Cities the bye-laws regarding Registration of Births and Deaths were not enforced in any of the other places with the result that a large number of births escaped registration and the number of children procurable for vaccination was in consequence smaller than it should have been. Such children provide a potential source of danger to the community, and it is for Local Bodies to realise this risk and see that all the births which occur in their areas are registered and the children vaccinated.

The following table shows the progress made in the protection of infants, during the year under report, and the number of deaths from small-pox during five years in those towns in which the Act has been in force.

Name	Population	Children available for Vaccination		Number of children under one year successfully Vaccinated	Number of deaths from Small-pox				
		Births *minus* deaths of children under one year	At the rate of 31 per 1,000 of population		1922-1923	1923-1924	1924-1925	1925-1926	1926-1927
Bombay City ...	1,175,914	12,868	36,453	13,068	188	785	1,096	408	651
Bandra ...	27,411	495	907	618	...	7	19	8	7
Kurla ...	26,059	806	807	550	1	7	10	3	12
Ahmedabad ...	270,775	10,138	8,387	7,724	1	159	662	93	14
Ahmedabad Cantonment.	3,232	22	100	...	...	...	1	...	...
Karachi ...	216,883	7,475	6,961	5,302	116	40	136	55	52
Hyderabad ...	73,951	2,165	2,512	809	6	213	123	8	50
Sukkur ...	42,759	918	1,340	552	2	...	1	47	1
Rohri ...	11,378	245	308	138	1	1	1	5	...
Larkana ...	17,723	473	572	123	...	...	3	25	4
Deolali Cantonment.	18,789	3	582	56	...	5	...	...	...
Dhulia ...	30,606	938	948	848	...	209	6	3	3
Nagar Cantonment.	10,997	220	340	154	...	...	...	1	...
Belgaum Cantonment.	6,889	75	213	209	4	2	1	...	...
Aden ...	56,500	529	1,751	157	69	6	2	5	2

Prosecutions.—During the year 222 persons were prosecuted in Karachi town for not getting their children vaccinated. Out of these 78 got their children vaccinated, 7 left for their native places, 64 were granted postponement certificates on account of illness, 50 were fined, 8 were warned and discharged, 7 died, 3 could not be traced and 5 cases are still pending in the Court.

In Hyderabad town 26 persons were prosecuted; of these 21 got their children vaccinated, 2 died and against the remaining 3 cases are still pending in the Court.

In Sukkur town 6 persons were prosecuted of these 5 got their children vaccinated and one died.

In Rohri town 3 persons were prosecuted. Of these one got his child vaccinated and 2 were discharged by the Court.

19. Inoculation was practised in Shahdadkot and Thul Talukas, Jacobabad District, and Tando Allahyar Taluka, Hyderabad District. In Shahdadkot Taluka the Mukhtiarkar reported that people were warned and they promised not to allow any private agency to carry on inoculation amongst their children in future. In Thul Taluka 4 persons were fined Rs. 15 each for getting their children inoculated. In Tando Allahyar Taluka, the Mukhtiarkar reported that sufficient proof could not be had and stated that the enquiry made in the matter which created a deep impression among the people, will serve as a deterant against any further recurrence of this sort. The District Magistrate having agreed with the Mukhtiarkar the matter was dropped and the vaccinator was asked to report any fresh cases of inoculations with sufficient evidence if detected by him.

A Circular was issued to all the Collectors and Deputy Commissioner, Upper Sind Frontier, informing them that although arm to arm vaccination had been abolished since many years some vaccinators taking advantage of the ignorance of the village people threaten to use their vaccinated children as vaccinifers for purpose of extorting money, and requesting them to ask the Revenue Officials to make a special effort to remove the ignorance of the people in this respect and to inform them to report in such cases to the Mukhtiarkar or Collector.

20. A statement showing the number of vaccinations under one year of age in Municipal Towns is attached as Appendix III.

21. No cases of infectious diseases due to importation of infection from pilgrim centres were reported. A case of Small-pox was reported from Dakore Town Circle which was imported.

It having been brought to the notice of the Director of Public Health by a leading gentleman of Surat City that two of his granddaughters were attacked with Small-pox soon after they were vaccinated and that several similar instances had occurred which led to the public suspecting the purity of the lymph and attributing the attack of Small-pox to vaccination. A careful enquiry was instituted as a result of which it was ascertained that in these two instances the children had picked up infection from the children of domestic servants three of whom had small-pox in a severe form and one of whom had died. All these were residing in the same compound. The two children regarding whom the report was received were vaccinated during the incubation period and as a result of vaccination the disease affected them only in a modified form.

The fact that 28 other children were vaccinated on the same day and from the same number of lymph as the above two children and

not one of these was affected with Small-pox, provides further proof of the purity and potency of the lymph.

The results of the enquiry and the means adopted to ensure the purity and potency of lymph at the Vaccine Institute were communicated to the complainant and were published in the leading Vernacular Journal of Surat.

22. A diagram illustrating the proportion of population protected by vaccination during the seven years from 1st April 1920 to 31st March 1927 and the death rate from Small-pox for the year 1926-1927 is given as Appendix IV.

General Remarks

23. The Training Class was held at the Vaccine Institute, Belgaum, from 1st July to 30th September 1926. Out of 11 candidates who attended the class 10 passed.

The Assistant Director of Public Health, Southern Registration District, inspected the work of one candidate sent to him from Gujarat Registration District for being trained for the Inspector's post. He also inspected the work of six candidates from the Bijapur District and the Vaccinator Vengurla Peta who was deputed for a refresher course. He examined all of them by getting vaccination work done by them in his presence and found them possessing manual dexterity in the technique of operations.

The Inspectors of Sanitation and Vaccination were asked to attend the Baby Week celebrations with instructions to render assistance to the Secretaries of the Committees and to give demonstrations to the public on vaccination as a prophylactic measure against Small-pox with the help of the Vaccinators of the respective places. Necessary materials were supplied by the Assistant Director of Public Health, Southern Registration District, to the Inspector of Sanitation and Vaccination, Bijapur District, who was in charge of the stall. Generally the services of the Inspectors were useful at these shows and their work was appreciated by the Public and the Baby Week Celebration Committees.

During the year 6 influential men were granted "Afrin-Nama" by the Assistant Director of Public Health, Sind Registration District, for rendering help to the Inspectors and Vaccinators in the cause of vaccination.

JAMSHYD MUNSIFF,
M.R.C.P. F.R.C.S. D.P.H., (Edin.),
Officiating Director of Public Health.

Poona, 18th August 1927.

APPENDICES

APPEN

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	WESTERN REGISTRATION DISTRICT.			
	EAST KHANDESH COLLECTORATE—			
1	Chopda Town (Municipal)	16,930	11,338	1
2	Nasirabad do. (Local Fund)... ...	12,188	.....	.....
3	Jalgaon do. (Municipal)	23,710	66	1
4	In the 13 Rural circles. Local Fund ... / Municipal ...	1,023,009	224	18
	Total ...	1,075,837	236	20
	WEST KHANDESH COLLECTORATE—			
5	Dhulia Town (Municipal)	30,605	52	1
6	Nandurbar do. (do.)	13,842	.....	1
7	In the 8 Rural circles. Local Fund ... / Municipal ...	597,400	109	12
	Total ...	641,847	118	14
	NASIK COLLECTORATE—			
8	Nasik Town (Municipal)	42,756	... ..	1
9	Yeola do. (do.)	13,911	8,137	1
10	Malegaon do. (do.)	23,711	930	1
11	Deolali Cantonment	18,789	24	... .
12	In the 12 Rural circles, Local Fund ...	733,409	124	17
	Total ...	832,576	142	20
	THANA COLLECTORATE—			
13	Thana Town (Municipal)	22,639	2,227	1
14	Kalyan do. (do.)	17,829	12,600	1
15	In the 9 Rural circles, Local Fund ...	719,448	205	17
	Total ...	759,916	221	19

DIX I

No. I

Bombay Presidency during the year 1926-27

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
Males.	Females.	Total.	7	8	9	10	11	12
P. 271	264	535	543	535	326	119	446	89
R. 4	4	8						
P. 243	219	462	1,524	462	305	71	376	86
R. 1	.....	1						
P. 490	456	946	.....	946	494	164	661	281
R. 72	43	115						
P. 17,303	16,831	34,134	2,144	34,134	21,877	4,171	26,230	7,817
R. 513	126	639						
P. 1,894	1,898	3,792		3,792	2,132	623	2,759	1,031
R. 20	12	32						
P. 20,201	19,668	39,869	2,033	39,869	25,134	5,148	30,472	9,304
R. 610	185	795						
P. 645	671	1,316	1,388	1,316	848	218	1,069	240
R. 55	27	82						
P. 277	284	561	567	561	316	173	492	69
R 5	1	6						
P. 10,449	10,586	21,035	1,871	21,035	12,599	2,270	14,907	6,106
R. 153	70	223						
P. 692	696	1,388		1,388	900	286	1,226	152
R. 5	4	9						
P. 12,063	12,237	24,300	1,758	24,300	14,663	2,947	17,694	6,567
R. 218	102	320						
P. 852	846	1,698	1,940	1,698	979	347	1,336	356
R. 211	40	251						
P. 285	314	599	604	599	429	62	495	103
R. 5	.....	5						
P. 362	397	759	760	760	463	104	567	186
R. 1	.....	1						
P. 79	57	136	179	136	56	59	115	21
R. 23	20	43						
P. 14,735	14,347	29,082	1,773	29,088	18,544	3,702	22,477	6,568
R. 708	356	1,064						
P. 16,313	15,961	32,274	1,682	32,281	20,471	4,274	24,990	7,234
R. 948	416	1,364						
P. 247	201	448	1,245	449	315	123	439	6
R. 727	70	797						
P. 163	156	319	327	319	159	127	292	27
R 4	4	8						
P. 11,445	10,800	22,245	1,322	22,245	14,570	4,716	19,384	2,830
R. 146	82	228						
P. 11,855	11,157	23,012	1,265	23,013	15,044	4,966	20,115	2,863
R. 877	156	1,033						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	WESTERN REGISTRATION DISTRICT.					
	EAST KHANDESH COLLECTORATE—					
1	Chopda Town (Municipal)	8	1	4	100·00	25·00
2	Nasirabad do. (Local Fund)	1	1	...	100·00	100·00
3	Jalgaon do. (Municipal)	116	...	105	99·39	0·00
4	In the 13 Rural circles. Local Fund ...	639	223	276	99·67	61·43
	In the 13 Rural circles. Municipal ...	32	4	26	99·57	66·66
	Total ...	795	229	411	99·70	59·63
	WEST KHANDESH COLLECTORATE—					
5	Dhulia Town (Municipal)	82	43	24	99·35	74·14
6	Nandurbar do. (do.)	6	3	2	100·00	75·00
7	In the 8 Rural circles. Local Fund ...	223	59	107	99·85	50·86
	In the 8 Rural circles. Municipal ...	9	4	5	99·19	100·00
	Total ...	320	109	133	99·78	59·89
	NASIK COLLECTORATE—					
8	Nasik Town (Municipal)	251	63	117	99·55	47·01
9	Yeola do. (do.)	5	...	2	99·79	0·00
10	Malegaon do. (do.)	1	...	1	99·78	0·00
11	Deolali Cantonment	43	6	13	100·00	20·00
12	In the 12 Rural circles, Local Fund ...	1,064	405	349	99·80	54·64
	Total ...	1,364	474	482	99·77	53·78
	THANA COLLECTORATE—					
13	Thana Town (Municipal)	797	294	173	99·10	47·11
14	Kalyan do. (do.)	8	5	2	100·00	83·33
15	In the 9 Rural circles, Local Fund ...	228	78	82	99·84	53·42
	Total ...	1,033	377	257	99·63	48·58

No. I--*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
26·49	16·63	50·00	389	19·53	4	·20
30·84	18·61	.....	303	24·86	.....	...
32·30	29·70	91·30	.....	.....	.....	...
25·86	22·90	43·19	25,493	21·01	450	·44
2·70	22·38	81·25				
28·53	23·34	51·69	27,839	25·88	445	·42
36·33	18·24	29·27	801	26·17	72	2·32
35·76	12·30	33·33	341	24·69	5	·36
25·05	29·02	47·98	14,826	24·82	353	·58
2·06	10·65	55·55				
27·44	27·02	43·13	16,280	25·36	429	·67
32·72	20·96	46·61	1,175	27·48	12	·26
35·58	17·19	40·00	488	35·68	11	·79
23·91	24·47	100·00	591	24·98	20	2·05
6·48	15·44	30·23	184	9·79	1	·05
31·20	22·57	32·30	20,298	27·67	179	·24
30·70	22·40	35·33	22,751	27·82	273	·33
32·38	1·34	21·71	945	41·74	5	·22
16·66	8·40	25·00	397	22·27	11	·62
27·05	12·72	35·96	17,616	24·46	195	·27
26·97	12·44	24·88	19,021	25·03	211	·28

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	WESTERN REGISTRATION DISTRICT —*contd.*			
	BOMBAY SUBURBAN DISTRICT—			
16	Bandra Town (Municipal) ...	29,271	...	1
17	Kurla do. (do.)	25,059	...	1
18	Santacruz Cantonment	6,953	...	...
19	In the 2 Rural circles, Local Fund ...	91,943	...	2
	Total ...	154,226	...	4
	KOLABA COLLECTORATE—			
20	Panwel Town (Local Fund)	8,625	47	...
21	Alibag do. (do.)	5,274	89	...
22	Mahad do. (do.)	7,192	7,164	...
23	In the 8 Rural circles, Local Fund ...	541,851	249	14
	Total ...	562,942	252	14
	NATIVE STATES—			
24	Jawhar	49,662	161	1
25	Surgana	14,912	41	1
	Total ...	64,574	153	2
	TOTAL BY ESTABLISHMENT IN WESTERN REGISTRATION DISTRICT.			
	Local Fund	3,728,151	172	80
	Municipal	273,451	...	11
	Cantonment	25,742	...	...
	Native States	64,574	153	2
	Grand Total ...	4,091,918	182	93

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 552	498	1,050	1,526	1,050	618	379	1,043	5
R. 244	232	476						
P. 684	598	1,182	1,259	1,182	550	173	774	408
R. 44	33	77						
P. 2	4	6	72	6	4	2	6	0
R. 64	2	66						
P. 1,499	1,486	2,985	1,702	2,985	1,736	865	2,649	335
R. 299	121	420						
P. 2,637	2,586	5,223	1,565	5,223	2,508	1,419	4,472	748
R. 651	388	1,039						
P. 60	42	102	103	102	49	30	79	23
R. 1	.....	1						
P. 50	54	104	108	104	54	36	93	11
R. 3	1	4						
P. 68	70	138	138	138	65	49	114	24
R.	.....	...						
P. 9,135	8,779	17,914	1,293	17,914	11,718	3,433	15,235	2,679
R. 141	50	191						
P. 9,313	8,945	18,258	1,318	18,258	11,886	3,548	15,521	2,731
R. 145	51	196						
P. 813	759	1,572	1,573	1,572	1,342	144	1,486	86
R. 1	.....	1						
P. 243	213	456	477	456	287	105	392	64
R. 17	4	21						
P. 1,056	972	2,028	1,025	2,028	1,629	249	1,878	150
R. 18	4	22						
P. 64,987	63,214	128,201	1,658	128,207	81,517	19,343	101,544	26,473
R. 1,965	806	2,771						
P. 7,314	7,279	14,593	1,266	14,595	8,529	2,898	11,599	2,953
R. 1,397	470	1,867						
P. 81	61	142	251	142	60	61	121	21
R. 87	22	109						
P. 1,056	972	2,028	1,025	2,028	1,629	249	1,878	150
R. 18	4	22						
P. 73,438	71,526	144,964	1,610	144,972	91,735	22,551	115,142	29,597
R. 3,467	1,302	4,769						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	WESTERN REGISTRATION DISTRICT —*contd.*					
	BOMBAY SUBURBAN DISTRICT—					
16	Bandra Town (Municipal)	476	341	18	99·81	74·46
17	Kurla do. (do.)	77	24	52	100·00	96·00
18	Santacruz Cantonment	66	44	0	100·00	66·66
19	In the 2 Rural circles, Local Fund ...	420	142	193	99·66	62·56
	Total ...	1,039	551	263	99·91	71·01
	KOLABA COLLECTORATE—					
20	Panwel Town (Local Fund)	1	1	...	100·00	100·00
21	Alibag do. (do.)	4	3	...	100·00	75·00
22	Mahad do. (do.)	...	...	...	100·00	...
23	In the 8 Rural circles, Local Fund ...	191	76	85	99·96	71·70
	Total ...	196	80	85	99·96	72·07
	NATIVE STATES—					
24	Jawhar	1	...	1	100·00	0·00
25	Surgana	21	3	17	100·00	75·00
	Total ...	22	3	18	100·00	75·00
	TOTAL BY ESTABLISHMENT IN WESTERN REGISTRATION DISTRICT.					
	Local Fund	2,771	963	1,092	99·13	58·34
	Municipal	1,867	782	581	99·63	58·53
	Cantonment	109	50	13	100·00	52·08
	Native States	22	3	18	100·00	75·00
	Grand Total ...	4,769	1,823	1,654	70·71	58·06

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
			—			
47·23	47·62	3·78	619	21·15	8	·27
30·24	34·52	67·53	631	24·21	5	·19
7·19	...	...	7	1·01	0	...
30·35	11·22	45·95	2,109	22·94	10	·11
32·57	14·33	25·31	3,366	21·83	23	·15
9·38	22·56	100·00	121	14·03	7	·81
18·20	10·58	...	130	24·65	5	·95
15·85	17·40	...	151	20·98	8	1·11
28·27	14·92	44·50	13,826	25·51	197	·36
27·71	14·96	43·36	14,225	25·27	217	·39
29·92	5·47	100·00	1,324	26·66	...	...
26·49	14·04	80·95	445	29·84	...	...
29·12	7·40	81 82	4,145	61·17	...	...
27·50	20·65	39·41	92,909	24·92	1,394	·37
31·84	20·23	28·44	10,557	38·60	189	·69
6·64	14·79	11·92	184	7·16	1	·04
29·12	7·40	81·82	4,145	64·17	...	...
28·51	20·42	34·68	105,452	25·77	1,584	·38

STATEMENT

No.	Circles and Districts	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
26	BOMBAY CITY	1,175,914	52,146	9
	CENTRAL REGISTRATION DISTRICT.			
	AHMEDNAGAR COLLECTORATE—			
27	Ahmednagar Town (Municipal) ...	34,358	11,292	1
28	Ahmednagar Cantonment	10,997	1,648	.....
29	Sangamner Town (Local Fund) ...	12,737	23,781	.....
30	In the 12 Rural Circles (Local Fund) ...	682,986	134	17
	Total ...	741,088	125	18
	POONA COLLECTORATE—			
31	Poona City (Municipal)	133,227	23,451	2
32	Poona and Kirkee Cantonments ...	41,032	3,302	3
33	Junnar Town (Local Fund) ...	7,381	.....	.....
34	Baramati do. (do.)	11,905	.....	.....
35	Khed do. (do.)	7,013	.....	.....
36	Lonavla do. (do.)	6,337	.....	.....
37	In the 11 Rural Circles { Local Fund ... / Municipal ... }	791,659	165	15
	Total ...	998,554	184	19
	SHOLAPUR COLLECTORATE—			
38	Sholapur Town (Municipal) ...	119,347	12,269	2
39	Barsi do. (do.) ...	22,074	1,170	1
40	Pandharpur do. (do.) ...	25,210	47,583	1
41	In the 7 Rural Circles { Local Fund ... / Municipal ... }	575,606	146	11
	Total ...	742,237	163	15

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 9,937	10,089	20,026	4,789	20,026	13,068	5,511	18,634	1,323
R. 17,889	5,187	23,076						
P. 321	628	1,249	1,612	1,249	859	157	1,024	223
R. 100	263	363						
P. 130	78	208	411	208	154	16	170	38
R. 160	53	203						
P. 193	208	401	401	401	236	96	332	69
R. ...	.....	...						
P. 11,406	11,832	23,238	2,371	23,238	16,816	2,867	19,728	3,495
R. 95	4	99						
P. 12,350	12,746	25,096	1,431	25,096	18,065	3,136	21,254	3,825
R. 345	320	665						
P. 2,934	3,037	5,971	4,076	5,971	3,786	1,425	5,313	654
R. 1,266	915	2,181						
P. 772	794	1,566	2,596	1,566	971	338	1,317	215
R. 2,311	1,316	3,627						
P. 141	110	251	265	251	136	94	234	17
R. 14	... ...	14						
P. 199	203	402	412	402	265	74	339	63
R. 6	4	10						
P. 48	48	96	97	96	51	30	81	15
R. 1	.....	1						
P. 101	88	189	199	189	129	57	189	...
R. 9	1	10						
P. 10,939	10,953	21,885	1,524	21,885	15,123	3,977	19,113	2,760
R. 870	111	981						
P. 304	275	579	2,319	579	285	132	439	140
R. 1,127	613	1,740						
P. 15,431	15,508	30,939	2,079	30,939	20,746	6,127	27,025	3,900
R. 5,604	2,960	8,564						
P. 1,624	1,435	3,059	1,551	3,059	2,051	621	2,696	357
R. 29	14	43						
P. 343	300	643	643	643	373	159	537	108
R. ...	.....	...						
P. 468	487	955	971	955	373	141	520	435
R. 11	5	16						
P. 8,677	8,642	17,319	1,584	17,319	11,477	3,357	14,827	2,467
R. 107	6	113						
P. 718	675	1,393	1,405	1,393	934	289	1,224	169
R. 15	.....	15						
P. 11,830	11,539	23,369	1,570	23,369	15,208	4,497	19,804	3,531
R. 162	25	187						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
26	BOMBAY CITY	23,076	21	23,054	99·91	95·45
	CENTRAL REGISTRATION DISTRICT.					
	AHMEDNAGAR COLLECTORATE—					
27	Ahmednagar Town (Municipal)	363	137	89	99·81	50·00
28	Ahmednagar Cantonment	203	82	85	100·00	69·50
29	Sangamner Town (Local Fund)	...	...	...	100·00	...
30	In the 12 Rural Circles (Local Fund) ...	99	21	45	99·92	38·89
	Total ...	665	240	219	99·92	53·81
	POONA COLLECTORATE—					
31	Poona City (Municipal)	2,181	52	2,049	99·92	39·39
32	Poona and Kirkee Cantonments ...	3,627	178	3,045	99·70	30·58
33	Junnar Town (Local Fund)	14	10	4	100·00	90·91
34	Baramati do. (do.)	10	10	...	100·00	100·00
35	Khed do. (do.)	1	...	...	100·00	...
36	Lonavla do. (do.)	10	7	1	100·00	77·78
37	In the 11 Rural Circles { Local Fund ...	981	404	501	99·97	84·17
	In the 11 Rural Circles { Municipal ...	1,740	140	957	100·00	17·88
	Total ...	8,564	800	6,557	99·96	39·86
	SHOLAPUR COLLECTORATE—					
38	Sholapur Town (Municipal)	43	21	6	99·78	56·76
39	Barsi do. (do.)	...	...	...	99·45	...
40	Pandharpur do. (do.)	16	6	8	100·00	75·00
41	In the 7 Rural Circles { Local Fund ...	113	33	37	99·88	43·42
	In the 7 Rural Circles { Municipal ...	15	4	6	100·00	44·44
	Total ...	187	64	57	99·83	49·23

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
15·86	6·60	93·90	17,094	14·53	593	·50
33·79	17·85	24·52	1,118	32·54	2	·06
22·92	18·27	41·87	528	48·01	.....	.....
27·64	17·91	.....	253	19·86	.....	.....
28·89	15·02	45·46	19,239	28·17	57	·09
29·00	15·24	32·93	21,138	28·52	59	·04
40·27	10·95	93·95	3,467	26·02	152	1·14
36·43	15·64	83·95	1,455	35·46	3	·07
35·06	6·77	21·43	230	31·16	7	0·95
29·23	15·67	10·00	372	31·25	1	·08
11·55	15·62	.....	86	12·26	1	·14
30·93	.....	10·00	137	21·62	7	1·10
25·89	12·64	51·07	19,948	25·20	104	0·13
	24·18	55·00				
27·87	12·61	76·56	25,695	25·73	275	·28
22·77	11·67	13·95	2,003	24·32	100	·85
24·33	16·02	.....	712	32·26	22	·99
20·94	45·55	50·00	534	21·18	13	·51
27·95	14·24	32·74	15,812	27·47	46	·08
	12·13	40·00				
26·77	15·11	30·48	19,961	26·89	181	·24

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	CENTRAL REGISTRATION DISTRICT—*contd.*			
	SATARA COLLECTORATE—			
42	Satara Town (Municipal)	20,045	7,485	1
43	Wai do. (Local Fund)	10,311	4,266	.....
44	Karad do. (do.)	10,243	6,381	.....
45	Ashta do. (do.)	9,021	.....	.....
46	Islampur do. (do.)	7,016	.....	.....
47	In the 14 Rural Circles { Local Fund ... / Municipal ... }	967,974	213	19
	Total ...	1,025,410	209	20
	RATNAGIRI COLLECTORATE—			
48	Ratnagiri Town (Local Fund)	14,600	2,643	.....
49	Chiplun do. (do.)	11,005	.....	.....
50	Malwan do. (do.)	22,215	.....	.....
51	Vengurla do. (do.)	19,126	5,764	.....
52	In the 11 Rural Circles (Local Fund) ...	1,128,270	286	21
	Total ...	1,195,216	289	21
	TOTAL BY ESTABLISHMENT IN CENTRAL REGISTRATION DISTRICT—			
	Local Fund	4,201,029	185	83
	Municipal	449,467	7,979	8
	Cantonment	52,009	2,752	2
	Grand Total ...	4,702,505	.....	93

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 320	344	664	678	664	408	215	630	34
R. 5	9	14						
P. 182	150	332	332	332	250	75	326	6
R. 1	...	1						
P. 196	177	373	380	373	267	84	360	13
R. 5	2	7						
P. 171	164	335	351	335	268	36	309	26
R. 8	8	16						
P. 115	92	207	207	207	140	34	177	30
R. ...	...	...						
P. 14,804	14,548	29,352	1,556	29,352	23,537	3,298	26,951	2,393
R. 188	27	215						
P. 45	47	92	104	92	54	28	83	9
R. 10	2	12						
P. 15,833	15,522	31,355	1,581	31,355	24,919	3,770	28,686	2,511
R. 217	48	265						
P. 176	195	371	489	371	155	191	353	18
R. 94	24	118						
P. 112	96	208	208	208	114	77	194	14
R. ...	...	...						
P. 244	254	498	498	498	334	143	484	14
R. ...	...	...						
P. 217	178	395	395	395	250	124	388	7
R. ...	...	...						
P. 16,943	16,228	33,171	1,609	33,171	23,516	6,704	30,717	2,449
R. 416	211	627						
P. 17,692	16,951	34,643	1,687	34,643	24,369	7,239	32,136	2,502
R. 510	235	745						
P. 64,857	64,166	129,023	1,581	129,023	93,064	21,248	115,102	13,862
R. 1,814	398	2,212						
P. 7,377	7,228	14,605	2,373	14,605	9,118	3,167	12,466	2,124
R. 2,563	1,821	4,384						
P. 902	872	1,774	2,802	1,774	1,125	351	1,487	283
R. 2,461	1,369	3,830						
P. 73,136	72,266	145,402	1,676	145,402	103,307	24,769	129,055	16,362
R. 6,638	3,588	10,426						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	CENTRAL REGISTRATION DISTRICT—*contd.*					
	SATARA COLLECTORATE—					
42	Satara Town (Municipal)	14	...	3	100·00	...
43	Wai do. (Local Fund)	1	1	...	100·00	100·00
44	Karad do. (do.)	7	...	3	100·00	75·00
45	Ashta do. (do.)	16	4	...	100·00	25·00
46	Islampur do. (do.)	...	...	...	100·00	...
47	In the 14 Rural Circles { Local Fund ...	215	97	59	99·97	62·42
	{ Municipal ...	12	...	2	100·00	...
	Total ...	265	102	67	99·97	51·51
	RATNAGIRI COLLECTORATE—					
48	Ratnagiri Town (Local Fund)	118	7	111	100·00	100·00
49	Chiplun do. (do.)	...	...	...	100·00	...
50	Malwan do. (do.)	...	...	...	100·00	...
51	Vengurla do. (do.)	...	...	...	100·00	...
52	In the 11 Rural Circles (Local Fund) ...	627	289	195	99·98	66·99
	Total ...	745	296	306	99·83	67·43
	TOTAL BY ESTABLISHMENT IN CENTRAL REGISTRATION DISTRICT—					
	Local Fund	2,212	852	956	99·95	70·23
	Municipal	4,384	360	3,120	99·88	28·46
	Cantonment	3,830	260	3,130	99·73	37·14
	Grand Total ...	10,426	1,502	7,206	99·94	46·05

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
31·42	5·12	21·43	607	28·51	13	·06
31·93	1·81	.....	328	32·12	4	·39
36·02	3·49	42·86	290	28·31	1	·10
34·70	7·76	.....	217	24·05	...	...
29·36	14·49	.....	265	33·48	...	...
28·03	8·19	27·32	27,595	28·51	79	·08
	9·77	16·66				
28·22	8·01	25·28	29,302	28·58	97	·09
24·66	4·83	94·07	365	25·00	11	·75
17·63	6·86	.....	246	22·35	7	·64
21·79	2·81	.....	406	20·93	4	·18
20·88	1·77	.....	271	14·17	4	·21
21·48	7·38	31·10	31,193	27·65	273	·24
27·13	7·21	41·07	32,541	27·23	289	·25
27·61	10·74	43·22	115,055	27·39	621	·15
28·54	14·54	71·18	11,333	25·21	518	1·15
33·59	6·46	81·72	1,490	25·65	10	·19
27·16	11·12	68·16	127,878	27·19	1,143	·24

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SOUTHERN REGISTRATION DISTRICT.			
	BELGAUM COLLECTORATE—			
53	Gokak Town (Municipal)	9,989	18,184	...
54	Athni do. (do.)	13,538	15,052	...
55	Belgaum do. (do.)	36,219	69,691	1
56	Do. Cantonment ...	6,889	3,369	...
57	In the 8 Rural circles (Local Fund) ...	883,101	190	17
	Total ...	949,736	4,611	18
	DHARWAR COLLECTORATE—			
58	Dharwar Town (Municipal) ...	34,327	25,839	1
59	Hubli do. (do.) ...	69,140	52,067	1
60	Gadag Betgeri do. (do.) ...	41,158	108,675	1
61	Ranebennur do. (Local Fund) ...	13,930	29,543	...
62	In the 13 Rural circles (do.) ...	877,654	194	19
	Total ...	1,036,209	4,606	22
	BIJAPUR COLLECTORATE—			
63	Bijapur Town (Municipal)	32,471	129	1
64	Bagalkot do. (do.)	19,471	393	1
65	In the 8 Rural circles (Local Fund) ...	744,414	42	16
	Total ...	796,356	5,707	18

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 204	167	371	449	371	237	123	364	6
R. 78	.....	78						
P. 137	147	284	359	284	230	37	267	16
R. 75	.....	75						
P. 561	563	1,124	1,266	1,124	651	239	1,099	24
R. 16	126	142						
P. 149	118	267	333	267	209	49	265	2
R. 10	56	66						
P. 14,498	14,182	28,680	2,157	28,680	23,458	4,082	27,775	882
R. 7,299	698	7,997						
P. 15,549	15,177	30,726	2,171	30,726	24,985	4,530	29,770	930
R. 7,478	860	8,338						
P. 578	576	1,154	1,652	1,154	1,025	124	1,154	...
R. 484	14	498						
P. 1,411	1,338	2,749	2,902	2,749	2,306	3 0	2,681	68
R. 146	7	153						
P. 654	713	1,367	1,949	1,367	1,140	164	1,307	60
R. 475	107	582						
P. 237	246	483	666	483	331	135	467	16
R. 160	23	183						
P. 12,361	12,303	24,664	1,839	24,664	18,045	5,175	23,395	1,258
R. 9,356	928	10,284						
P. 15,241	15,176	30,417	1,914	30,417	22,847	5,068	29,004	1,402
R. 10,621	1,079	11,700						
P. 588	553	1,141	1,695	1,141	910	213	1,135	8
R. 522	32	554						
P. 364	357	721	886	721	510	107	621	100
R. 165	.....	165						
P. 12,401	12,426	24,827	2,172	24,827	19,286	4,795	24,218	590
R. 8,971	956	9,927						
P. 13,353	13,336	26,689	2,333	26,689	20,706	5,115	25,974	698
R. 9,658	998	10,646						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination
1	2	13	14	15	16	17
	SOUTHERN REGISTRATION DISTRICT.					
	BELGAUM COLLECTORATE—					
53	Gokak Town (Municipal)	78	10	52	99·73	38·46
54	Athni do. (do.)	75	12	14	99·63	19·67
55	Belgaum do. (do.)	142	84	46	99·91	87·50
56	Do. Cantonment	66	60	2	100·00	93·75
57	In the 8 Rural circles (Local Fund) ...	7,997	2,271	1,990	99·92	37·81
	Total ...	8,358	2,437	2,104	99·91	38·97
	DHARWAR COLLECTORATE—					
58	Dharwar Town (Municipal)	498	225	20	100·00	47·07
59	Hubli do. (do.)	153	8	44	100·00	7·34
60	Gadag Betgeri do. (do.)	582	276	103	100·00	57·62
61	Ranebennur do. (Local Fund) ...	183	11	64	100·00	9·24
62	In the 13 Rural circles (do.) ...	10,284	1,673	3,189	99·95	23·58
	Total ...	11,700	2,193	3,420	99·96	26·49
	BIJAPUR COLLECTORATE—					
63	Bijapur Town (Municipal)	554	240	53	99·74	47·90
64	Bagalkot do. (do.)	165	17	54	100·00	15·32
65	In the 8 Rural circles (Local Fund) ...	9,927	2,807	2,974	99·92	40·37
	Total ...	10,646	3,064	3,081	99·92	40·50

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000	Number.	Ratio per 1,000
18	19	20	21	22	23	24
37·44	1·62	66·67	882	38·24	...	...
20·61	5·63	18·67	421	31·10	1	·07
32·66	2·14	32·39	1,464	40·42	12	·33
47·18	·75	3·03	400	58·06	2	·29
34·02	3·08	24·58	30,266	34·27	67	·08
33·91	3·03	25·17	32,933	34·68	82	·09
43·09	...	4·02	1,442	42·01	1	·03
38·80	2·47	28·76	2,599	37·59	1	·01
38·46	4·29	17·70	1,596	38·78	9	·22
34·32	3·31	34·97	469	33·67	1	·07
28·56	5·19	31·01	25,722	29·31	60	·07
31·07	4·61	29·23	31,828	37·16	72	·07
42·35	·26	9·57	1,455	44·81	6	·18
32·77	14·27	32·73	665	34·19	...	...
36·30	2·38	29·96	27,845	37·41	52	·07
36·46	2·60	28·94	29,965	37·63	58	·07

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SOUTHERN REGISTRATION DISTRICT—*contd.*			
	KANARA COLLECTORATE—			
66	Karwar Town (Municipal)	14,463	1,533	1
67	Kumtha Town (Local Fund)	14,291	1,407	.....
68	In the 11 Rural circles (Local Fund) ...	372,722	102	15
	Total ...	401,476	3,946	16
	BIJAPUR AGENCY—			
69	Jath and Daflapur	83,654	84	2
	DHARWAR AGENCY—			
70	Savanur State	16,830	240	1
	TOTAL BY ESTABLISHMENT IN THE SOUTHERN REGISTRATION DISTRICT—			
	Municipal ...	270,776	...	7
	Cantonment	6,889	...	...
	Local Funds	2,906,112	...	67
	Native States	99,484	...	3
	Grand Total ...	3,283,261	...	77
	GUJARAT REGISTRATION DISTRICT.			
	SURAT COLLECTORATE—			
71	Surat City (Municipal)	117,434	39,144	2
72	Randor Town (Local Fund)	10,547	10,531	...
73	Bulsar do. (do.)	19,822	7,929	...
74	In the 9 Rural circles (Local Fund) ...	526,548	321	11
	Total ...	674,351	41	13

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 206	143	349	631	349	51	269	346	3
R. 165	17	182						
P. 612	131	743	1,003	743	259	384	743	...
R. 236	24	260						
P. 6,237	4,761	10,998	1,168	10,998	3,814	5,026	10,852	142
R. 3,847	1,666	5,513						
P. 7,055	5,035	12,090	1,128	12,090	4,124	5,679	11,941	145
R. 4,248	1,707	5,955						
P. 1,052	1,038	2,090	1,447	2,090	1,286	798	2,084	6
R. 688	117	805						
P. 355	344	699	1,123	699	534	80	631	68
R. 277	147	424						
P. 4,703	4,557	9,260	1,670	9,260	7,260	1,046	8,974	280
R. 2,126	303	2,429						
P. 149	118	267	833	267	209	49	265	2
R. 10	56	66						
P. 46,346	44,049	90,395	1,859	90,395	65,193	19,597	87,450	2,888
R. 29,869	4,295	34,164						
P. 1,407	1,382	2,789	1,339	2,789	1,520	887	2,715	74
R. 965	264	1,229						
P. 52,606	50,106	102,711	1,850	102,711	74,482	22,179	99,404	3,244
R. 32,970	4,918	37,888						
P. 1,797	1,689	3,486	1,881	3,486	2,178	679	2,882	564
R. 196	81	277						
P. 162	122	284	308	284	97	81	182	102
R. 19	5	24						
P. 238	224	462	491	462	215	167	401	59
R. 20	9	29						
P. 7,738	7,575	15,313	1,468	15,318	9,752	3,649	13,514	1,779
R. 628	204	833						
P. 9,935	9,610	19,545	1,593	19,545	12,242	4,576	16,979	2,504
R. 863	299	1,162						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SOUTHERN REGISTRATION DISTRICT—*contd.*					
	KANARA COLLECTORATE—					
66	Karwar Town (Municipal)	182	66	40	100·00	46·68
67	Kumtha Town (Local Fund)	260	259	...	100·00	10·62
68	In the 11 Rural circles (Local Fund) ...	5,513	2,373	1,885	99·96	65·41
	Total ...	5,955	2,698	1,925	99·97	66·95
	BIJAPUR AGENCY—					
69	Jath and Daflapur	805	92	284	100·00	17·66
	DHARWAR AGENCY—					
70	Savanur State	424	203	124	100·00	67·67
	TOTAL BY ESTABLISHMENT IN THE SOUTHERN REGISTRATION DISTRICT—					
	Municipal	2,429	938	426	99·93	46·83
	Cantonment)	68	60	2	100·00	93·75
	Local Funds	34,164	9,394	10,102	99·94	39·06
	Native States	1,229	295	408	100·00	35·93
	Grand Total ...	37,898	10,687	10,938	99·94	36·96
	GUJARAT REGISTRATION DISTRICT.					
	SURAT COLLECTORATE—					
71	Surat City (Municipal)	277	59	54	98·63	24·46
72	Rander Town (Local Fund)	24	7	4	100·00	35·00
73	Bulsar do. (do.)	29	7	9	99·50	35·00
74	In the 9 Rural circles (Local Fund) ...	832	147	226	99·85	24·26
	Total ...	1,162	220	293	99·64	25·32

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000	Number	Ratio per 1,000.
18	19	20	21	22	23	24
28·48	·86	21·98	591	40·86	9	·62
70·11	...	.....	988	69·13	4	·28
35·48	1·29	34·19	13,975	37·47	111	·30
36·46	1·20	32·33	15,584	38·81	124	·31
26·33	·29	35·28	2,448	29·61	...	.....
49·55	9·73	19·25	852	50·62	...	.....
29·68	3·03	17·53	11,015	39·67	83	·30
47·18	·75	3·03	400	58·06	2	·29
63·32	3·19	20·87	99,265	34·15	447	·15
30·26	2·65	33·19	3,360	33·77	...	.....
36·61	3·16	23·87	113,640	34·61	532	·11
25·04	16·18	19·49	3,207	28·09	123	1·06
17·02	35·92	16·67	203	19·25	7	·66
20·58	12·77	31·03	429	21·64	1	·05
25·94	11·03	27·16	14,270	27·10	55	·10
25·50	12·81	25·21	18,199	26·99	186	·28

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	GUJARAT REGISTRATION DISTRICT—*contd.*			
	BROACH COLLECTORATE—			
75	Broach City (Municipal)	42,648	25,326	1
76	Jambusar Town (Local Fund)	10,217	18,917	...
77	Ankleshwar do. (do.)	11,762	3,079	...
78	In the 6 Rural circles (Local Fund) ...	243,118	166	5
	Total ...	307,745	210	6
	KAIRA COLLECTORATE—			
79	Kaira Town (Local Fund)... ...	8,277	29,561	...
80	Mehmedabad Town (do.)... ...	6,238	51,933	...
81	Nadiad Town (Municipal)	31,939	96,785	1
82	Borsad do. (Local Fund)	12,116	63,768	...
83	Anand do. (do.)	11,054	10,732	...
84	Umreth do. (do.)	14,024	182	...
85	Dakore do. (do.)	7,990	1,336	...
86	Kapadvanj Town (do.)	14,794	64,322	...
87	In the 7 Rural circles (Local Fund) ...	604,550	383	10
	Total ...	710,982	445	11
	PANCH MAHALS COLLECTORATE—			
88	Godhra Town (Local Fund)	26,979	158,700	...
89	Dohad do. (do.)	16,076	94,565	...
90	In the 5 Rural circles (Local Fund) ...	331,805	207	7
	Total ...	374,860	23	7

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 770	697	1,467	1,484	1,467	1,009	254	1,263	200
R. 13	4	17						
P. 103	97	200	205	200	131	49	180	20
R. 3	2	5						
P. 229	231	460	469	460	262	117	379	81
R. 6	3	9						
P. 3,842	3,774	7,596	1,562	7,596	5,424	1,352	6,763	804
R. 153	61	214						
P. 4,924	4,799	9,723	1,661	9,723	6,826	1,772	8,604	1,105
R. 175	70	245						
P. 118	120	238	243	238	164	63	227	11
R. 4	1	5						
P. 108	85	193	203	193	135	40	179	14
R. 9	1	10						
P. 549	419	968	986	968	652	149	801	165
R. 10	8	18						
P. 224	240	464	465	464	356	80	437	27
R. ...	1	1						
P. 187	157	344	347	344	263	65	331	13
R. 3	...	3						
P. 233	195	428	435	428	321	104	425	3
R. 3	4	7						
P. 101	99	200	200	200	125	51	176	23
R. ...	...	...						
P. 180	212	392	396	392	296	75	370	22
R. 1	3	4						
P. 9,947	8,976	18,923	1,915	18,928	14,351	3,498	17,880	1,002
R. 173	53	226						
P. 11,647	10,503	22,150	2,039	22,155	16,662	4,125	20,816	1,279
R. 208	71	274						
P. 362	408	770	821	770	575	135	713	56
R. 14	37	51						
P. 244	287	531	606	531	358	115	474	54
R. 63	12	75						
P. 5,349	5,399	10,748	1,594	10,748	8,174	1,598	9,778	907
R. 213	170	413						
P. 5,955	6,094	12,049	1,798	12,049	9,107	1,842	10,960	1,017
R. 320	219	539						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination
1	2	13	14	15	16	17
	GUJARAT REGISTRATION DISTRICT—*contd.*					
	BROACH COLLECTORATE—					
75	Broach City (Municipal)	17	3	2	99·68	20·00
76	Jambusar Town (Local Fund) ...	5	1	4	100·00	100·00
77	Ankleshwar do. (do.) ...	9	2	4	100·00	40·00
78	In the 6 Rural circles (Local Fund) ...	214	73	48	99·85	43·98
	Total ...	245	79	58	99·84	42·25
	KAIRA COLLECTORATE—					
79	Kaira Town (Local Fund) ...	5	...	1	100·00	·00
80	Mehmedabad Town (do.) ...	10	2	5	100·00	40·00
81	Nadiad Town (Municipal)	18	8	1	99·75	47·06
82	Borsad do. (Local Fund)	1	...	...	100·00	·00
83	Anand do. (do.)	3	1	...	96·69	33·33
84	Umreth do. (do.)	7	2	3	100·00	50·00
85	Dakore do. (do.)	...	...	...	99·43	...
86	Kapadvanj Town (do.)	4	2	1	100·00	66·66
87	In the 7 Rural circles (Local Fund) ...	226	81	37	99·74	42·86
	Total ...	274	96	48	99·71	42·48
	PANCH MAHALS COLLECTORATE—					
88	Godhra Town (Local Fund)	51	28	2	99·86	57·14
89	Dohad do. (do.)	75	22	9	99·37	33·33
90	In the 5 Rural circles (Local Fund) ...	413	104	91	99·31	32·30
	Total ...	539	154	102	99·35	35·24

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
29·68	13·63	11·76	1,177	27·60	2	·05
17·72	10·00	80·00	278	27·21	...	...
32·39	17·61	44·44	312	26·53	...	...
28·20	10·58	23·43	6,431	26·45	76	·31
28·21	19·31	23·67	8,198	26·64	78	·25
27·43	4·62	20·00	218	26·34	...	·00
29·01	7·25	60·00	175	28·05	2	·31
25·33	17·05	5·56	856	26·76	21	·66
36·07	5·82	·00	403	33·18	1	·08
23·13	3·49	·00	345	31·21	3	·27
30·44	·70	42·86	394	28·09	2	·14
22·03	11·50	·00	92	11·51	6	·75
25·15	5·61	25·00	423	28·93	10	·68
29·71	5·29	16·37	16,666	27·57	44	·07
29·41	5·77	17·52	19,575	27·53	89	·13
27·47	7·27	3·92	823	30·51	3	·30
30·85	10·17	12·00	285	17·73	1	·06
29·77	8·44	22·03	9,566	28·83	21	·06
29·65	8·44	18·92	10,674	28·47	30	·08

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	GUJARAT REGISTRATION DISTRICT—*concld.*			
	AHMEDABAD COLLECTORATE—			
91	Ahmedabad City (Municipal)	270,775	41,658	4
92	Dhandhuka Town (Local Fund)... ...	8,056	40,280	...
93	Viramgam do. (do.)... ...	26,262	43,052	...
94	Dholka do. (do.)... ...	12,513	16,684	...
95	Ahmedabad Cantonment	3,232	1,103	...
96	In the 8 Rural circles (Local Fund) ...	570,073	150	12
	Total ...	890,911	233	16
	NATIVE STATES—			
97	Rewa Kantha Agency	753,058	152	16
98	Mahi Kantha Agency	224,127	138	4
99	Bansda State	40,125	187	1
100	Dangs (Local Fund)	24,481	25	1
101	Jambughoda (Local Fund)	9,540	65	...
	TOTAL BY ESTABLISHMENT IN THE GUJARAT REGISTRATION DISTRICT.			
	Municipal	679,523	59,038	8
	Local Fund	2,350,092	206	46
	Native States	1,017,310	150	21
	Cantonment	3,232	1,103	...
	Grand Total ...	4,030,157	223	75

No. I.—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 4,417	4,488	8,905	2,281	8,917	7,724	840	8,566	316
R. 102	119	221						
P. 176	130	306	349	306	163	64	229	76
R. 41	2	43						
P. 366	318	684	739	684	443	155	598	80
R. 41	14	55						
P. 234	241	475	483	475	349	86	435	39
R. 7	1	8						
P. 1	1	2	2	2	...	1	1	...
R. ...	...	...						
P. 9,112	8,671	17,783	1,537	17,784	12,794	2,667	15,684	2,058
R. 514	144	658						
P. 14,306	13,849	28,155	1,821	23,168	21,473	4,013	25,513	2,563
R. 705	280	985						
P. 12,324	11,637	23,961	1,577	23,961	19,557	2,590	22,252	1,680
R. 1,009	261	1,270						
P. 2,814	2,766	5,610	1,422	5,610	4,640	501	5,156	432
R. 36	44	80						
P. 615	575	1,190	1,201	1,190	755	184	939	251
R. 8	3	11						
P. 379	372	751	755	751	441	238	680	71
R. 9	5	14						
P. 94	119	213	221	213	167	34	201	9
R. 6	2	8						
P. 7,533	7,293	14,826	1,920	14,538	11,563	1,929	13,512	1,239
R. 321	212	533						
P. 39,706	38,053	77,759	1,749	77,764	55,355	14,677	70,240	7,309
R. 1,960	734	2,694						
P. 15,783	14,978	30,761	1,530	30,761	24,952	3,275	28,347	2,363
R. 1,063	308	1,361						
P. 1	1	2	2	2	...	1	1	...
R. ...	...	...						
P. 63,028	60,324	123,347	1,706	123,366	91,870	19,675	112,100	10,911
R. 3,331	1,254	4,588						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	GUJARAT REGISTRATION DISTRICT—*concld.*					
	AHMEDABAD COLLECTORATE—					
91	Ahmedabad City (Municipal)	221	47	85	99·52	34·56
92	Dhandhuka Town (Local Fund)... ...	43	...	18	99·57	·00
93	Viramgam do. (do.)... ...	55	22	13	99·00	52·38
94	Dholka do. (do.)... ...	8	5	1	99·77	71·42
95	Ahmedabad Cantonment	...	...	...	50·00	...
96	In the 8 Rural circles (Local Fund) ...	658	181	179	99·73	37·79
	Total ...	985	255	296	99·64	37·01
	NATIVE STATES—					
97	Rewa Kantha Agency	1,270	276	303	99·87	28·54
98	Mahi Kantha Agency	80	13	2	99·57	16·67
99	Bansda State	11	3	4	100·00	42·86
100	Dangs (Local Fund)	14	9	1	100·00	69·23
101	Jambughoda (Local Fund)	8	1	1	98·53	14·28
	TOTAL BY ESTABLISHMENT IN THE GUJARAT REGISTRATION DISTRICT.					
	Municipal	533	117	142	99·86	20·92
	Local Fund	2,694	697	657	99·69	34·22
	Native States	1,361	292	309	99·62	27·76
	Cantonment	...	...	...	50·00	...
	Grand Total ...	4,588	1,106	1,108	99·68	31·78

No. I—*contdd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
31·81	3·48	38·46	7,809	28·84	193	·71
28·43	24·84	41·86	201	24·95	2	·25
23·61	11·70	23·64	582	22·16	14	·53
35·16	8·21	12·50	403	32·21	...	...
·31	.....	.....	29	8·97	...	...
27·83	11·57	27·20	15,081	26·45	46	·08
28·92	9·10	30·05	24,105	27·06	255	·29
29·92	7·01	23·56	22,091	29·34	...	...
23·06	7·70	2·50	5,012	22·35	...	...
23·48	21·09	36·36	1,268	31·60	...	...
28·14	9·45	7·14	803	32·80	...	...
21·17	4·23	12·50	312	32·74	...	...
20·06	6·64	26·64	13,188	19·33	340	·50
30·71	9·40	24·39	68,699	29·74	298	·13
28·15	7·68	22·70	28,389	27·90	...	...
·31	.....	.....	29	8·97	...	...
26·23	8·84	24·15	110,255	27·49	639	·16

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SIND REGISTRATION DISTRICT.			
	KARACHI COLLECTORATE—			
102	Karachi Town (Municipal)	216,883	2,363	2
103	Tatta do. (do)	8,470	.....	.....
104	In the 11 Rural circles (Local Fund) ...	316,712	48	11
	Total ...	542,065	47	13
	HYDERABAD COLLECTORATE—			
105	Hyderabad Town (Municipal)	73,951	4,167	1
106	Do. Cantonment	7,887	.....	S.A.S.
107	In the 7 Rural circles (Local Fund) ...	491,612	128	10
	Total ...	573,450	128	11 1 S.A.S.
	NAWABSHAH COLLECTORATE—			
108	In the 7 Rural circles (Local Fund) ...	418,660	107	9
	Total ...	418,660	107	9
	THAR AND PARKAR COLLECTORATE—			
109	Umarkot Town (Local Fund)	4,199	.....	.....
110	In the 11 Rural circles (Local Fund) ...	392,132	29	14
	Total ...	396,331	29	14
	LARKANA COLLECTORATE—			
111	Larkana Town (Municipal)	17,723	8,023	1
112	In the 11 Rural circles (Local Fund) ...	580,237	115	11
	Total ...	597,960	118	12

No. I—*contd.*

Total number of persons vaccinated.				Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
					Total.	Successful.			Unknown.
						Under one year.	One and under six years.	Total of all ages.	
6				7	8	9	10	11	12
	Males.	Females.	Total.						
P.	3,951	3,662	7,613	9,695	7,620	5,302	1,124	6,544	1,055
R.	9,877	1,900	11,777						
P.	60	44	104	113	104	67	31	100	4
R.	7	2	9						
P.	4,008	3,318	7,326	726	7,326	2,739	3,676	6,904	402
R.	551	107	658						
P.	8,019	7,024	15,043	2,114	15,050	8,108	4,831	13,548	1,461
R.	10,435	2,009	12,444						
P.	1,016	904	1,920	2,537	1,922	839	1,094	1,913	6
R.	515	102	617						
P.	17	11	28	29	28	18	9	28	...
R.	1	...	1						
P.	6,268	5,378	11,646	1,196	11,647	5,892	4,938	11,503	437
R.	247	64	311						
P.	7,301	6,293	13,594	1,210	13,597	6,719	6,041	13,144	443
R.	763	166	929						
P.	5,901	5,334	11,235	1,304	11,240	6,746	3,700	10,577	629
R.	371	128	499						
P.	5,901	5,334	11,235	1,301	11,240	6,746	3,700	10,577	629
R.	371	128	499						
P.	25	34	59	69	59	52	5	57	2
R.	10	0	10						
P.	6,899	5,604	12,503	1,069	12,509	6,065	5,169	11,779	706
R.	1,556	905	2,461						
P.	6,924	5,638	12,562	1,074	12,568	6,117	5,174	11,836	708
R.	1,566	905	2,471						
P.	232	214	446	467	446	123	292	428	22
R.	17	4	21						
P.	8,338	7,206	15,544	1,495	15,545	10,299	4,377	14,878	653
R.	686	214	900						
P.	8,570	7,420	15,990	1,409	15,991	10,422	4,669	15,301	675
R.	703	218	921						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SIND REGISTRATION DISTRICT.					
	KARACHI COLLECTORATE—					
102	Karachi Town (Municipal)	11,777	18	11,741	99·68	99·84
103	Tatta do. (do.)	9	4	1	100·00	20·00
104	In the 11 Rural circles (Local Fund) ...	658	94	204	99·85	36·17
	Total ...	12,444	116	11,946	99·73	96·90
	HYDERABAD COLLECTORATE—					
105	Hyderabad Town (Municipal)	617	79	295	99·84	54·83
106	Do. Cantonment	1	1	...	100·00	...
107	In the 7 Rural circles (Local Fund) ...	311	87	81	99·94	36·11
	Total ...	929	167	376	99·92	49·35
	NAWABSHAH COLLECTORATE—					
108	In the 7 Rural circles (Local Fund) ...	499	158	145	99·67	44·63
	Total ...	499	158	145	99·67	44·63
	THAR AND PARKAR COLLECTORATE—					
109	Umarkot Town (Local Fund)	10	2	4	100·00	33·33
110	In the 11 Rural circles (Local Fund) ...	2,461	534	532	99·79	27·61
	Total ...	2,471	536	536	99·80	27·70
	LARKANA COLLECTORATE—					
111	Larkana Town (Municipal)	21	1	15	99·76	75·00
112	In the 11 Rural circles (Local Fund) ...	900	180	218	99·76	80·28
	Total ...	921	181	233	99·91	81·48

No. 1—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
30·25	13·84	99·69	7,172	47·21	60	·06
12·27	3·84	11·11	121	10·84	0	...
22·09	5·49	31·00	6,844	19·08	41	·11
25·21	9·41	95·99	14,136	27·09	131	·25
26·94	·31	47·81	2,215	29·16	71	·93
3·70	.....	.....	.....	.....	.....	.....
22·97	3·75	25·04	10,341	19·29	19	·04
23·25	3·26	40·47	12,557	20·52	90	·15
25·66	5·59	29·05	11,093	24·73	39	·09
25·66	5·59	29·05	11,093	24·73	39	·09
14·05	3·39	40·00	94	23·62	2	·50
31·40	5·64	21·21	9,520	22·17	82	1·93
31·22	5·63	21·69	9,615	22·19	84	1·81
23·30	4·93	71·41	458	28·45	3	·19
25·93	4·20	54·50	14,426	22·37	51	·08
25·89	4·22	25·79	14,887	22·53	54	·08

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SIND REGISTRATION DISTRICT—*concld.*			
	SUKKUR COLLECTORATE—			
113	Sukkur Town (Municipal)	42,759	11,638	1
114	Shikarpur do. (do)	55,503	5,094	1
115	Rohri do. (do)	11,378	.....	1
116	In the 8 Rural circles (Local Fund) ...	400,652	71	8
	Total ...	510,292	91	11
	UPPER SIND FRONTIER—			
117	Jacobabad Town (Municipal)	10,683	.....	1
118	In the 5 Rural circles (Local Fund) ...	230,036	86	5
	Total ...	240,619	90	5
	NATIVE STATES—			
119	Khairpur State ...	193,131	.....	6
	Total ...	193,131	.....	6
	TOTAL BY ESTABLISHMENTS IN THE SIND REGISTRATION DISTRICT—			
	Municipal	441,449	3,761	8
	Local Fund	2,830,041	61	68
	Native States	193,131	.....	6
	Cantonment	7,687	.....	1 S. A. S.
	Total ...	3,472,508	75	82 1 S.A.S.

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 477	363	840	866	844	552	242	796	37
R. 22	4	26						
P. 716	635	1,351	1,518	1,351	1,070	193	1,264	86
R. 161	6	167						
P. 118	109	227	232	227	138	83	221	3
R. 4	1	5						
P. 7,158	6,437	13,595	1,774	13,614	9,897	2,543	12,537	1,049
R. 413	184	597						
P. 8,469	7,544	16,013	1,528	16,036	11,657	3,061	14,818	1,175
R. 600	195	795						
P. 136	99	235	237	235	182	43	228	7
R. 1	1	2						
P. 4,021	3,635	7,656	1,666	7,658	4,557	2,489	7,267	389
R. 399	277	676						
P. 4,157	3,734	7,891	1,428	7,893	4,739	2,532	7,495	376
R. 400	278	678						
P. 2,973	2,390	5,363	896	5,363	4,299	848	5,166	197
R. 9	6	15						
P. 2,973	2,390	5,363	896	5,363	4,299	848	5,166	197
R. 9	6	15						
P. 6,706	6,030	12,736	3,173	12,749	8,243	3,102	11,489	1,220
R. 10,604	2,020	12,624						
P. 42,618	36,946	79,564	1,359	79,598	46,947	26,897	75,202	4,247
R. 4,233	1,879	6,112						
P. 2,973	2,390	5,363	896	5,363	4,299	848	5,166	197
R. 9	6	15						
P. 17	11	28	29	28	18	9	28	...
R. 1	.....	1						
P. 52,314	45,377	97,691	1,403	97,738	58,807	30,856	91,885	5,664
R. 14,847	3,905	18,752						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SIND REGISTRATION DISTRICT—*concld.*					
	SUKKUR COLLECTORATE—					
113	Sukkur Town (Municipal)	26	3	9	93·63	17·64
114	Shikarpur do. (do.)	168	58	45	99·92	48·33
115	Rohri do. (do.)	5	...	...	98·66	...
116	In the 8 Rural circles (Local Fund) ...	597	135	211	99·86	45·67
	Total ...	796	196	265	99·71	36·91
	UPPER SIND FRONTIER—					
117	Jacobabad Town (Municipal)	2	...	...	100·00	...
118	In the 5 Rural circles (Local Fund) ...	676	142	286	99·69	53·56
	Total ...	678	142	286	99·71	36·22
	NATIVE STATES—					
119	Khairpur State	15	9	6	100·00	100·00
	Total ...	15	9	6	100·00	100·00
	TOTAL BY ESTABLISHMENTS IN THE SIND REGISTRATION DISTRICT.					
	Municipal	12,625	163	12,106	99·67	31·42
	Local Fund	6,112	1,332	1,681	99·84	35·16
	Native States	15	9	6	100·00	100·00
	Cantonment	1	1	..	100·00	...
	Total ...	18,753	1,505	13,793	99·82	79·96

No. I —*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
18·69	4·38	34·62	1,037	19·04	9	·17
24·00	6·36	26·79	1,283	36·35	42	1·19
19·43	1·32	...	282	26·22	1	·09
3·14	7·71	35·34	11,987	25·29	87	·08
29·42	7·33	33·29	14,578	25·41	90	·16
21·54	2·09	.....	370	32·57	7	·61
32·21	4·82	42·16	7,149	28·41	8	·03
31·74	4·76	42·18	7,518	26·58	15	·06
26·79	3·67	40·00	5,318	23·81	...	...
26·79	3·67	40·00	5,318	23·81	...	...
26·61	9·57	95·87	12,962	35·37	237	·65
27·10	5·33	27·50	71,422	22·69	266	08
26·79	3·67	40·00	5,318	23·81	...	...
8·70	.....	.....	...	...	...	...
26·89	5·79	73·55	89,701	24·00	503	·13

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.
1	2	3	4	5
	ADEN.			
120	Aden (Municipal)	56,500	656	5
	TOTAL BY ESTABLISHMENTS.			
	Municipal	3,347,080	...	56
	Local Fund	15,995,425	129	344
	Cantonments	95,759	...	2
	Native States	1,354,522	...	1 S.A.S. 32
	In the British Territory	19,438,264	...	402
	In the Native States	1,354,522	...	1 S.A.S. 32
	Grand Total ...	20,792,786	...	434 1 S.A.S.

Sum

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which results were known.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
By Special Staff (Statement I).	662,277	107,559	662,950	107,560	99·82	41·54
By Dispensary Staff (Statement III) ...	773	9,705	773	9,705	71·29	77·79
By other Agencies, if any ...	12	4	12	4	91·66	50·00
Total ...	662,062	117,268	663,140	117,269	99·60	47·43

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 27,558	578	28,136	6,914	28,136	157	298	935	27,136
R. 7,693	368	8,060						
Males.	Females.	Total.						
P. 71,128	43,054	114,182	2,985	114,209	57,938	18,544	77,609	36,275
R. 42,592	10,381	52,973						
P. 253,514	246,427	504,941	1,607	504,987	341,376	101,762	449,538	54,779
R. 39,841	8,112	47,953						
P. 1,150	1,063	2,213	3,119	2,213	1,412	474	1,902	306
R. 2,559	1,447	4,006						
P. 21,219	19,722	40,941	1,361	40,941	32,700	5,256	38,106	2,784
R. 2,045	582	2,627						
P. 330,792	290,544	621,336	1,807	621,409	400,726	120,780	529,049	91,360
R. 84,992	19,940	104,932						
P. 21,219	19,722	40,941	1,361	40,941	32,700	5,279	38,106	2,784
R. 2,045	582	2,627						
R. 352,011	310,266	662,277	1,774	662,350	433,426	1:6,039	567,155	94,144
R. 87,037	20,522	107,559						

mary

Average number of persons vaccinated by each Vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
Vaccinators employed.	Persons vaccinated by each vaccinator.	Under one year.	One and under six years.			
434	1,774	433,426	126,039	26·18	Rs. a. p. 6,16,932 6 1	Rs. a. p. 1 0 10
...	...	108	38	...	...	...
...	...	10	1	...	...	...
434	1,774	433,544	126,078	26·18	6,16,932 6 1	1 0 10

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	ADEN—*concld.*					
120	Aden (Municipal)	8,060	1,374	5,484	93·50	84·50
	TOTAL BY ESTABLISHMENTS.					
	Municipal	52,974	3,755	46,813	99·58	52·44
	Local Fund	47,953	13,293	14,468	99·85	39·69
	Cantonments	4,006	371	3,145	99·74	43·09
	Native States	2,627	599	741	99·87	31·33
	In the British Territory	104,933	17,419	63,446	99·81	41·08
	In the Native States	2,627	599	741	99·87	31·33
	Grand Total ...	107,560	18,018	64,187	99·82	41·54

No. I—*concld.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
40·86	3·32	79·82	9,179	168·65	84	1·53
36·26	31·76	86·48	77,847	23·26	1,781	0·53
28·93	10·85	30·21	448,038	28·01	3,071	0·19
28·78	13·63	78·51	2,273	28·74	9	0·09
28·57	6·80	28·21	38,817	28·66	...	...
27·50	14·70	60·46	528,158	27·17	4,861	0·25
28·57	6·80	28·21	38,817	28·66	...	...
28·18	14·21	50·07	566,975	27·27	4,861	0·23

STATEMENT

Showing the Cost of the Department in the

No.	Circles and Districts.	Expendi			
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.
			Rs. a. p.		Rs. a. p.
	WESTERN REGISTRATION DISTRICT.				
	Administrative Charges	1	13,420 0 0	8	8,272 15 0
1	E. Khándesh Collectorate	...	.....	.....	.....
2	W. Khándesh do.	...	.....	.....	.....
3	Násik do.	...	.....	.....	.....
4	Thána do.	...	.....	.....	.....
5	Bombay Suburban	..	.....	.....	.....
6	Kolába Collectorate	...	.....	.....	.....
	Total ...	1	13,240 0 0	8	8,272 15 0
7	Bombay City	1	4,357 11 0	2	2,280 0 0
	CENTRAL REGISTRATION DISTRICT.				
	Administrative Charges	1	13,916 6 0	6	7,662 8 0
8	Ahmednagar Collectorate	...	.....	.....	.....
9	Poona do.	...	.....	.....	.....
10	Sholápur do.	...	.....	.....	.....
11	Sátára do.	...	.....	.....	.....
12	Ratnagíri do.	...	.....	.....	.....
	Total ...	1	13,816 6 0	6	7,662 8 0
	SOUTHERN REGISTRATION DISTRICT.				
	Administrative Charges	1	11,982 4 0	7	9,740 4 0
13	Belgaum Collectorate	...	.....	...	.....
14	Dhárwár do.	...	.....	...	.....
15	Bijápur do.	...	.....	...	.....
16	Kánara do.	...	.....	...	.....
	Total ...	1	11,982 4 0	7	9,740 8 0

No. II.

Bombay Presidency during the year 1926-27.

TURE.

Vaccinators.	Pay.	Clerks.	Pay.	Peons, etc.	Pay.	Total Pay of Establishment.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
...	.....	2	3,360 0 0	12	2,188 12 0	27,241 11 0
22	9,387 10 0	.....	.....	20	3,570 12 0	12,964 6 0
17	7,093 10 8	.....	.....	15	2,814 15 7	9,908 10 3
23	9,931 11 0	.....	.....	20	3,231 3 0	13,162 14 0
22	10,018 15 6	.....	.....	20	3,575 2 0	13,624 1 6
4	2,137 12 0	.....	.....	4	874 7 0	3,012 3 0
17	7,299 12 0	.....	.....	16	2,444 11 1	9,744 7 1
105	45,890 7 2	2	3,360 0 0	107	18,705 14 8	82,653 4 10
9	10,141 0 0	6	9,066 4 0	28	9,940 8 0	35,794 7 0
...	.....	2	2,493 1 0	10	1,884 14 0	25,856 13 0
19	8,540 12 0	.....	.....	19	2,973 2 0	11,513 14 0
20	9,538 11 0	.....	.....	21	3,766 15 3	13,305 10 3
16	6,880 4 10	.....	.....	15	2,496 0 0	9,376 4 10
22	9,711 2 0	.....	.....	20	3,341 3 0	13,052 5 0
22	9,402 12 0	.....	.....	21	3,768 4 0	13,171 0 0
99	44,073 9 10	2	2,493 1 0	106	18,230 6 3	86,975 15 1
...	.....	1	1,468 8 0	10	1,783 0 0	24,974 4 0
20	8,480 12 0	.....	.....	18	3,017 15 0	11,498 11 0
25	10,464 7 0	.....	.....	23	3,843 0 0	14,307 7 0
22	7,543 13 0	.....	.....	20	2,921 8 0	10,465 5 0
18	7,492 15 0	.....	.....	16	2 671 4 0	10,164 3 0
85	33,981 15 0	1	1,468 8 0	87	14,236 11 0	71,409 14 0

STATEMENT

No.	Circles and Districts.	Expenditure—*contd.*			Imperial Funds.
		Travelling Allowances.	Contingencies.	Total Cost.	
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	WESTERN REGISTRATION DISTRICT.				
	Administrative Charges	9,330 15 0	945 6 7	37,518 0 7	.....
1	E. Khandesh Collectorate ...	5,305 4 0	1,109 9 3	19,469 3 3	.....
2	W. Khandesh do.	4,385 6 3	816 6 8	15,110 7 2	.....
3	Nasik do.	4,703 1 0	974 7 2	18,840 6 2	.....
4	Thana do.	4,537 3 0	1,076 5 0	19,237 9 6	.....
5	Bombay Suburban	612 15 0	217 9 10	3,842 11 10	.....
6	Kolába Collectorate	3,020 15 0	723 14 10	14,389 4 11	.....
	Total ...	32,795 11 3	5,963 11 4	1,28,407 11 5	.....
7	Bombay City	1,354 6 9	9,226 8 4	46,375 6 1	.....
	CENTRAL REGISTRATION DISTRICT.				
	Administrative Charges	5,298 5 0	1,065 15 9	32,221 1 9	.....
8	Ahmednagar Collectorate ...	4,697 9 0	305 6 3	16,516 13 3	.....
9	Poona do.	4,090 7 0	662 14 0	18,058 15 3	.....
10	Sholapur do.	2,517 0 0	569 6 4	12,502 11 2	.....
11	Satara do.	5,261 7 0	339 9 3	18,653 5 3	.....
12	Ratnagiri do.	3,389 6 0	502 1 3	17,002 7 3	.....
	Total ...	25,294 2 0	3,445 4 10	1,15,015 5 11	.....
	SOUTHERN REGISTRATION DISTRICT.				
	Administrative Charges	6,498 7 0	1,097 5 9	32,570 0 9	.....
13	Belgaum Collectorate	3,400 15 0	799 13 10	15,699 7 10	.....
14	Dharwar do.	3,885 15 0	860 15 7	19,054 5 7	.....
15	Bijapur do.	3,039 7 0	607 8 0	14,112 4 0	.....
16	Kanara do.	893 2 0	605 9 4	11,662 14 4	.....
	Total ...	17,717 14 0	3,971 4 6	93,099 0 6	.....

No. II—*contd.*

Paid from				Total.	Number of all successful Vaccinations and Re-vaccinations.	Average cost of each successful case.
Provincial Funds.	Local Funds.	Municipalities.	Native States.			
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
37,518 0 7	.....	.....	.....	37,518 0 7	...	.....
3,375 0 0	13,524 7 8	2,569 11 7	.....	19,469 3 3	30,701	0 10 2
771 0 0	11,490 8 2	2,156 6 7	692 8 5	15,110 7 2	17,803	0 13 7
3,686 11 0	13,319 10 5	1,744 0 9	90 0 0	18,840 6 2	25,859	0 11 8
2,778 15 0	14,413 3 9	1,360 7 3	684 15 6	19,237 9 6	21,978	0 14 6
266 1 0	1,635 8 10	1,941 2 0	.....	3,842 11 10	5,023	0 12 3
2,351 3 0	10,793 6 10	.....	.....	13,144 9 10	15,601	0 13 6
50,746 14 7	65,176 13 8	9,771 12 2	1,467 7 11	1,27,163 0 4	116,965	1 1 5
.....	.....	46,375 6 1	.....	46,375 6 1	18,055	2 7 9
32,221 1 9	.....	.....	.....	32,221 1 9	...	.....
2,910 11 0	12,033 8 3	972 10 0	.....	16,516 13 3	21,494	0 12 4
2,633 7 0	11,842 9 6	3,582 14 9	.....	18,058 15 3	27,825	0 10 5
444 0 0	8,941 15 2	3,116 12 0	.....	12,502 11 2	19,868	0 10 1
3,480 11 0	14,675 2 0	497 8 3	.....	18,653 5 3	28,938	0 10 4
2,934 10 0	14,127 13 3	.....	.....	17,062 7 3	32,432	0 8 3
44,624 8 9	62,221 0 2	8,169 13 0	.....	1,15,015 5 11	130,557	0 14 1
32,485 0 9	.....	.....	85 0 0	32,570 0 9	...	.....
1,804 0 0	13,063 7 10	832 0 0	.....	15,699 7 10	32,207	0 7 10
2,039 3 0	14,178 9 4	2,338 0 0	496 9 3	19,054 5 7	32,031	0 9 6
612 0 0	12,491 4 0	169 9 0	840 0 0	14,112 4 0	31,214	0 7 3
2,073 12 0	8,854 14 0	731 4 4	.....	11,662 14 4	14,039	0 12 9
39,013 15 9	48,589 3 2	4,073 4 4	1,423 9 3	93,099 0 6	110,091	0 13 6

STATEMENT

No.	Circles and Districts.	EXPENDI				
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.	
	GUJARAT REGISTRATION DISTRICT.		Rs. a. p.		Rs. a. p.	
	Administrative Charges	1	9,600 0 0	5	6,025 14 0	
17	Surat Collectorate	...	.....	.....	.....	
18	Broach do.	...	.....	.....	.....	
19	Kaira do.	...	.....	.....	.....	
20	Panch Mahals do.	...	.....	.....	.....	
21	Ahmedabad do.	...	.....	1	.....	
22	Mahi Kántha Agency	...	.....	1	720 0 0	
23	Rewa Kántha Agency	...	.....	.....	.....	
	Total ..	1	9,600 0 0	7	6,745 14 0	
	SIND REGISTRATION DISTRICT.					
	Administrative Charges	1	12,284 10 0	7	7,138 9 0	
24	Karáchi Collectorate	...	.....	.....	.....	
25	Hyderabad do.	...	.....	.....	.....	
26	Nawabshah do.	...	.....	.....	.....	
27	Thar and Párkar do.	...	.....	.....	.....	
28	Lárkána do.	...	.....	...	.....	
29	Sukkur do.	...	.....	.....	.....	
30	Jacobabad do.	...	.....	.....	.....	
31	Khairpur (Native States)	...	...	.....	.....	
	Total ...	1	12,284 10 0	7	7,138 9 0	
	VACCINE INSTITUTE.					
32	Belgaum	1	6,018 14 5	3	5,063 10 0	
33	Aden	...	.....	.....	.....	
	TOTAL OF PRESIDENCY ...	7	71,479 13 5	40	47,804 0 0	

No. II—*contd.*

TURE.

Vaccinators.	Pay.	Clerks.	Pay.	Peons, etc.	Pay.	Total Pay of Establishment.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
...	.....	2	3,253 3 0	9	1,481 1 0	20,360 2 0
10	6,645 13 0	.....	.....	15	2,363 0 0	9,008 13 0
7	3,239 15 0	.....	.....	6	1,021 12 0	4,261 11 0
12	5,781 6 0	.....	.....	11	1,968 0 0	7,749 6 0
8	3,078 10 0	.....	.....	7	1,240 3 0	4,318 13 0
18	8,273 13 0	1	533 8 0	18	2,953 8 0	11,760 13 0
4	1,440 0 0	.....	.....	5	893 8 0	3,033 8 0
17	4,708 7 7	.....	.....	16	2,070 9 4	6,809 0 11
82	33,253 0 7	3	3,786 11 0	87	13,991 9 4	67,377 2 11
...	.....	3	3,866 1 0	10	1,973 12 0	25,263 0 0
15	7,324 1 4	1	1,310 11 8	16	3,828 13 10	12,463 10 7
13	8,336 9 0	.....	.....	12	2,826 3 0	11,162 12 0
10	4,576 13 0	.....	.....	10	1,942 10 6	6,519 7 6
14	5,546 15 0	.....	.....	10	2,993 4 0	8,540 3 0
13	5,647 8 0	.....	.....	13	2,575 10 0	8,223 2 0
12	5,027 5 0	.....	.....	13	2,716 13 0	7,744 2 0
7	2,778 13 0	.....	.....	7	1,399 12 6	4,178 9 6
6	1,783 13 4	.....	.....	6	827 3 11	2,616 1 3
90	41,026 13 8	4	5,176 13 8	106	21,084 2 9	80,710 15 10
9	7,194 12 0	3	2,396 12 0	22	4,113 8 0	25,687 8 5
5	3,599 4 3	.....	.....	...	.....	3,599 4 3
484	2,19,169 14 6	21	27,748 0 5	540	1,00,311 12 0	4,06,618 8 4

STATEMENT

No.	Circles and Districts.	EXPENDITURE—*contd.* Travelling Allowances.	Contingencies.	Total Cost.	Imperial Funds.
	GUJARAT REGISTRATION DISTRICT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Administrative Charges ...	6,464 6 0	1,804 12 9	28,621 4 9	.....
17	Surat Collectorate	2,257 8 0	1,168 4 0	12,464 7 0	.....
18	Broach do.	1,294 13 0	190 11 10	5,747 3 10	.....
19	Kaira do.	2,142 6 0	360 14 3	10,552 10 3	.....
20	Panch Mahals do.	1,656 8 0	307 9 11	6,307 11 11	.....
21	Ahmedabad do.	1,884 3 6	1,429 13 9	16,074 14 8	.....
22	Mahi Kantha Agency	1,008 5 0	240 3 11	4,302 0 11	.....
23	Rewa Kantha Agency	350 9 4	304 9 1	7,524 3 5	.....
	Total ...	17,418 8 10	5,806 15 6	90,602 11 3	.....
	SIND REGISTRATION DISTRICT.				
	Administrative Charges	8,532 11 0	2,240 8 8	36,036 3 8	.....
24	Karachi Collectorate	4,080 12 5	1,181 6 3	17,725 18 3	.....
25	Hyderabad do.	2,933 9 0	516 8 10	14,612 13 10	.....
26	Nawabshah do.	2,263 4 0	508 7 1	9,291 2 7	.....
27	Thar and Parkar do.	2,026 2 0	588 9 2	12,054 14 2	.....
28	Larkana do.	2,937 1 0	551 15 5	11,712 2 5	.....
29	Sukkur do.	2,102 9 0	554 2 2	10,600 13 2	.....
30	Jacobabad do.	1,269 11 0	288 5 1	5,736 9 7	.....
31	Khairpur (Native States)	698 1 1	87 13 10	3,402 0 2	.....
	Total ...	27,943 12 6	6,517 12 6	1,21,172 8 10	.....
	VACCINE INSTITUTE.				
32	Belgaum	998 6 0	22,533 0 0	* 19,618 6 2	.....
33	Aden	.....	296 10 9	3,885 15 0	.....
	TOTAL OF PRESIDENCY ...	1,23,522 13 4	57,741 3 9	6,18,177 1 2	.....

	Rs. a. p.
* Total expenditure ...	19,218 14 5
Deduct—Sale-proceeds ...	29,600 8 3
	19,618 6 2

No. II—*concld.*

Paid from				Total.	Number of all successful vaccinations and Revaccinations.	Average cost of each successful case.
Provincial Funds.	Local Funds.	Municipalities.	Native States.			
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
28,629 4 9	.....	.....	.....	28,629 4 9	...	.....
891 0 0	9,041 9 6	2,111 8 0	420 10 6	12,464 7 6	18,830	0 10 7
1,009 5 0	4,059 6 1	678 8 9	.....	5,747 3 10	8,083	0 10 7
2,031 4 0	7,716 15 6	804 6 9	.....	10,552 10 3	20,012	0 8 1
853 10 0	5,155 4 11	299 0 0	.....	6,307 14 11	11,316	0 8 11
1,552 15 0	8,118 9 9	5,403 5 6	.....	15,074 14 3	25,763	0 9 4
.....	.....	.....	4,302 0 11	4,302 0 11	5,169	0 13 4
.....	.....	.....	7,524 3 4	7,524 3 4	22,528	0 5 4
34,967 6 9	34,091 13 9	9,296 8 0	12,246 14 9	90,602 11 8	113,206	0 12 10
36,036 3 8	.....	.....	.....	36,036 3 8	...	.....
1,704 0 0	9,429 4 11	6,508 8 4	.....	17,725 13 3	13,604	1 4 9
1,495 1 0	9,381 12 10	3,736 0 0	.....	14,612 13 10	13,311	1 1 7
1,298 1 0	7,993 1 7	.....	.....	9,291 2 7	10,735	0 13 10
1,067 6 0	10,987 8 2	.....	.....	12,054 14 2	12,372	0 15 7
1,744 1 0	9,166 1 5	802 0 0	.....	11,712 2 5	15,482	0 13 0
342 0 0	7,509 2 0	2,749 11 2	.....	10,600 13 2	15,014	0 11 8
852 15 0	4,170 13 1	712 15 6	.....	5,736 9 7	7,637	0 12 0
.....	.....	.....	3,402 0 2	3,402 0 2	5,175	0 10 6
44,629 9 8	58,637 12 0	14,503 3 0	3,402 0 2	1,21,172 8 10	93,390	1 4 9
19,618 6 2	.....	.....	.....	19,618 6 2	...	.....
.....	.....	3,885 15 0	.....	3,885 15 0	2,309	1 10 11
2,38,600 13 8	2,68,715 10 9	96,075 13 7	18,540 0 1	6,16,032 6 1	585,173	1 0 10

STATEMENT

Showing Dispensary Vaccination in the

Districts.	Number of Dispensaries in each District to which a Vaccinator is attached.	Average number of Vaccinators attached to Dispensaries during the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.
1	2	3	4			5
			Males.	Females.	Total.	
BOMBAY CITY.						
His Majesty's Common Jail	...	...	P. ...	...	...	...
			R. ...	...	...	
His Majesty's House of Correction	...	...	P. ...	...	...	...
			R. ...	...	...	
Local Medical Practitioners	...	...	P. 8	10	18	944
			R. 926	...	926	
WESTERN REGISTRATION DISTRICT.						
West Khandesh District. — Dhulia Jail	1	S. M. S.	P. 4	5	9	1,488
			R. 1,393	86	1,479	
CENTRAL REGISTRATION DISTRICT.						
Poona District. — Yeravda Central Prison	1	Medical officer.	P. 221	32	253	2,143
			R. 1,731	159	1,890	
SOUTHERN REGISTRATION DISTRICT.						
Belgaum District. — Hindalgi Central Prison	...	...	P. ...	...	...	390
			R. 390	...	390	
Bijápur District. — Bijápur Prison	...	...	P. 1	...	1	749
			R. 748	...	748	
GUJARAT REGISTRATION DISTRICT.						
Ahmedabad District. — Ahmedabad Central Prison	...	...	P. ...	...	...	1,887
			R. 1,812	75	1,887	
Satarmati Railway Dispensary .	..	...	P. 24	17	41	41
			R. ...	...	...	
Sadar Bazar Dispensary, Cantonment	...	...	...	...	...	...
Surat District. — Surat Dispensary	...	...	...	...	...	...
Mission Hospital, Bulsar	...	...	P. 6	3	9	43
			R. 11	23	34	
Mahi Kántha Agency. — Sádra Dispensary	...	...	P. ...	...	...	...
			R. ...	...	...	
Total ..	...	...	P. 30	20	50	1,071
			R. 1,823	98	1,921	

No. 111.

Bombay Presidency during the year 1926-27

Primary Vaccination.					Re-vaccination.			Percentage of Successful cases in which the results were known.		Percentage of unknown cases to total cases.	
	Successful.										
Total.	Under one year.	One and under six years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
6	7	8	9	10	11	12	13	14	15	16	17
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
18	14	4	18	...	926	...	926	100·00	...	...	100·00
9	9	...	9	...	1,479	1,479	...	100·00	100·00	...	...
253	19	20	73	...	1,890	179	230	28·85	10·78	...	12·17
...	...	..	...	...	300	362	...	...	92·82	...	...
1	1	...	1	...	743	568	52	100·00	81·61	...	6·95
...	...	...	...	...	1,887	1,887	...	...	100·00	...	...
41	34	7	41	...	...	...	...	100·00	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
9	9	...	9	..	34	...	...	100·00	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
50	43	7	50	...	1,921	1,887	...	100·00	98·23	...	...

STATEMENT

Districts.	Number of Dispensaries in each district to which a vaccinator is attached.	Average number of Vaccinators attached to Dispensaries during the year.	Total number of persons Vaccinated.			Average number of persons Vaccinated by each vaccinator.
			Males.	Females.	Total.	
1	2	3	4			5
SIND REGISTRATION DISTRICT.						
Karachi District. Karáchi Convict Gang	...	...	P. 36	35	71	170
			R. 72	36	108	
Hyderabad District. Hyderabad Central Prison	...	...	P. 212	3	215	2,458
			R. 2,230	13	2,243	
Sukkur District. Sukkur Prison	...	...	P. 151	...	151	151
			R. ...	...	...	
Thar and Parkar	...	...	P. 2	3	5	5
			R. ...	...	...	
Total ..	...	...	P. 401	41	442	2,793
			R. 2,302	49	2,351	
TOTAL FOR THE BRITISH TERRITORY	...	...	P. 665	108	773	...
			R. 9,313	392	9,705	
TOTAL FOR THE NATIVE STATES	...	...	P. ...	...	...	...
			R. ...	...	...	
GRAND TOTAL FOR THE BOMBAY PRESIDENCY	...	...	P. 665	108	773	...
			R. 9,313	392	9,705	

No. III—*contd.*

Primary Vaccination.					Re-vaccination.			Percentage of Successful cases in which the Results were known.		Percentage of Unknown cases to total cases.	
	Successful.										
Total.	Under one year.	One and under six years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
6	7	8	9	10	11	12	13	14	15	16	17
71	17	2	20	50	108	53	47	95·24	85·25	70·42	43·51
216	3	1	187	2	2,213	2,021	32	87·79	91·41	·93	1·43
151	...	1	151	...	...	...	...	100·00	...	...	...
5	2	3	5	...	...	...	...	100·00	...	...	...
442	22	7	363	52	2,351	2,073	79	93·07	91·24	11·76	3·36
773	108	38	514	52	9,705	6,548	1,287	71·29	77·79	6·73	13·26
...	...	...	...	...	...	...	...	...	...	...	...
773	109	38	514	52	9,705	6,548	1,287	71·29	77·79	6·73	13·26

STATEMENT

Comparative Statement showing the number of persons successfully vaccinated in each of the

Establishment.	Persons Primarily			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended			
	1917-1918.		1918-1919.	
Municipal	77,175	69,787	70,481	62,636
Local Fund	524,992	483,921	437,968	399,370
Cantonment	1,891	1,752	1,622	1,405
Native States	97,178	95,295	88,850	87,335
Dispensaries	1,651	1,509	867	800
Total ...	702,887	652,264	599,788	551,546

Establishment.	Persons Primarily			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended			
	1922-1923.		1923-1924.	
Municipal	80,048	70,658	85,903	75,966
Local Fund	466,085	422,766	486,311	441,967
Cantonment	1,421	1,280	2,366	2,187
Native States	39,403	37,019	41,078	38,267
Dispensaries	780	685	662	479
Total ...	587,737	532,408	616,320	558,866

No. IV

primarily vaccinated and the number of those persons who were undermentioned official years

VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH.					
1919-1920.		1920-1921.		1921-1922.	
67,317	58,567	71,503	62,806	80,258	69,818
454,364	407,369	435,433	392,041	455,216	413,165
1,529	1,393	1,548	1,280	1,914	1,588
84,478	82,448	81,719	79,613	39,425	36,989
947	785	473	444	877	739
608,535	550,462	590,676	536,184	577,690	522,289

VACCINATED—*concluded.*

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH—*concluded.*					
1924-1925.		1925-1926.		1926-1927.	
85,354	76,025	83,164	73,984	114,209	77,609
484,794	436,886	504,176	452,368	504,987	449,588
1,291	1,097	1,720	1,125	2,213	1,902
40,731	38,353	42,194	39,123	40,941	38,106
813	596	929	543	773	514
612,883	552,957	632,205	567,145	663,123	567,669

STATEMENT

Showing Particulars of Vaccination

District.		Total Number of persons vaccinated.		Total number inspected.			
				By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.	
		Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.
Western Registration District.	East Khándesh	30,669	795	...	...	17,610	192
	West Khándesh	24,800	320	47	6	14,476	59
	Násik	32,274	1,361	1,534	18	9,857	60
	Thána	23,022	1,033	1,404	12	9,077	45
	Bombay Suburban	5,223	1,039	...	...	1,028	...
	Kolába	18,258	196	...	...	9,738	13
	Bombay City	20,026	23,076	5,203	...	4,841	...
Central Registration District.	Ahmednagar	25,096	665	...	...	7,062	5
	Poona	30,639	8,564	149	...	320	...
	Sholápur	23,800	187	136	6	4,885	49
	Sátára	31,365	265	...	...	7,092	4
	Ratnágiri	34,613	745	...	...	13,150	...
Southern Registration District.	Belgaum	30,726	8,359	1,230	...	8,519	263
	Dhárwár	30,417	11,700	61	...	6,885	229
	Bijápur	26,089	10,646	...	...	7,341	152
	Kánara	12,090	5,955	...	...	4,652	482
Gujarát Registration District.	Surat	19,545	1,162	43	3	5,694	195
	Broach	9,723	245	...	...	4,453	53
	Kaira	22,150	274	528	11	9,803	193
	Panch Mahals	12,049	630	3,709	47	5,491	120
	Ahmedabad	29,156	985	1,375	18	14,767	73
Sind Registration District.	Karáchi	15,043	12,444	210	11	3,120	175
	Hyderabad	13,694	929	17	...	5,124	124
	Nawábshah	11,235	409	344	8	5,639	115
	Thar and Párkar	12,562	2,471	3,146	146	2,329	275
	Lárkána	15,000	921	...	...	6,490	280
	Sukkur	16,013	795	...	...	6,760	201
	Upper Sind Frontier	7,801	678	...	...	2,496	154
Total for the Presidency		592,246	96,850	19,171	285	210,745	3,520

* Percentage of success in this column is calculated on

N.B.—Native States are excluded

No. V

verified by Inspecting Officers in 1926-1927

Percentage of Inspections to total number vaccinated.				Percentage of cases found successful of total number inspected.				*Percentage of success reported by Vaccinators.	
By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.		By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.			
Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.
...	...	44·24	24·15	...	...	98·61	37·50	76·43	28·80
·19	1·87	59·57	19·44	97·87	·00	97·22	45·76	72·81	34·06
4·75	1·32	30·54	5·06	95·11	100·00	98·15	50·72	77·43	34·75
0·30	1·16	39·43	4·30	98·18	12·00	98·69	34·44	87·41	30·49
...	...	19·68	...	...	...	99·71	...	85·02	53·03
...	...	53·35	0·03	...	...	98·01	53·85	85·01	40·81
25·98	...	24·17	...	99·85	...	99·81	...	93·05	·09
...	...	28·14	0·75	...	...	99·01	60·00	84·69	30·09
·48	...	1·03	...	100·00	...	99·37	...	87·35	0·34
·58	3·21	20·00	3·21	97·79	...	98·26	32·65	84·75	31·23
...	...	24·25	1·51	...	...	99·29	100·0	91·07	38·49
...	...	37·96	...	...	...	98·16	...	92·76	39·73
4·23	...	27·73	3·15	99·39	...	99·51	25·10	96·89	29·16
·20	...	22·47	1·96	100·00	...	99·82	20·09	95·35	15·71
...	...	27·51	1·43	...	...	98·98	19·74	97·32	18·78
...	...	38·48	3·09	...	...	99·63	48·34	98·75	45·31
·22	·26	29·13	10·78	100·00	60·67	99·33	28·21	86·87	18·93
...	...	45·80	21·63	...	...	99·42	11·32	88·49	32·24
2·38	4·01	44·20	70·44	99·24	63·64	99·17	25·00	93·96	35·04
30·78	8·72	45·57	22·26	99·54	23·40	99·67	47·50	90·96	28·57
4·53	1·83	52·45	7·41	99·29	50·00	99·33	67·12	90·68	25·89
1·43	·09	20·74	1·40	98·15	9·09	98·91	21·71	90·06	9·82
·12	...	30·33	13·34	100·00	...	99·86	10·49	96·69	17·93
3·06	1·60	50·63	23·05	98·83	25·00	99·03	34·70	94·14	31·66
25·04	5·87	18·53	11·12	98·86	32·41	99·48	14·53	94·22	21·69
...	...	40·62	31·38	...	...	99·09	26·29	95·69	19·65
...	...	42·21	25·29	...	...	99·03	28·85	92·53	24·65
...	...	30·30	22·71	...	...	99·56	14·26	94·98	20·04
3·24	0·20	37·10	36·04	98·82	38·24	99·84	30·57	89·14	17·97

the total, reported by vaccinators.

from this statement.

APPEN

STATEMENT

Showing the Particulars of Vaccination in

Number.	Circles and Districts.	Population of Native States according to Census of 1921.	Average Population per square Mile.	Average Number of Vaccinators employed throughout the year.
1	2	3	4	5
1	Idar	2,02,811	64	4
2	Cambay	71,679	207	2
3	Aundh (Pant Pratinidhi)	64,560	...	2
4	Akalkot	81,250	...	2
5	Bhor (Pant Sachiv)	1,30,420	...	3
6	Phaltan	43,286	...	1
7	Sávantwádi	2,06,440	...	6
8	Sangli State	2,21,321	199	6
9	Jamkhindi State	1,01,195	193	4
10	Miraj Senior State	82,580	241	2
11	Miraj Junior State	34,665	164	1
12	Kurundwad State (Senior)	38,760	210	1
13	Kurundwad State (Junior)	34,296	296	1
14	Mudhol	60,140	167	1
15	Ramdurg	33,997	205	1
16	Kolhápur	8,33,726	2,590	13
17	Janjira	87,534	270	2
18	Sachin	19,977	476	...
	Grand Total ...	23,48,637	...	52

DIX II

No. I

Native States during the year 1926-27

Total Number of Persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.			
				Total.	Successful.		
					Under one year.	One and under six years.	Total of all ages.
6			7	8	9	10	11
Males.	Females.	Total.					
P. 3,117	2,922	6,039	1,509	6,039	4,849	1,149	5,998
R. ...	...	32					
P. 1,179	1,116	2,295	1,151	2,295	1,986	276	2,262
R. 7	...	7					
P. 1,031	1,049	2,080	1,078	2,080	1,516	382	1,902
R. 32	25	57					
P. 1,378	1,244	2,622	1,355	2,622	1,985	558	2,594
R. 80	8	88					
P. 1,778	1,733	3,511	1,182	3,511	2,575	737	3,335
R. 30	7	37					
P. 741	660	1,401	1,408	1,401	1,290	108	1,401
R. 4	3	7					
P. 3,294	3,087	6,321	1,078	6,321	4,706	1,599	6,317
R. 85	65	150					
P. 3,788	3,691	7,479	1,382	7,479	6,539	840	7,428
R. 752	61	813					
P. 1,982	1,788	3,770	955	3,770	3,193	543	3,759
R. 46	4	50					
P. 1,973	1,759	3,732	1,934	3,732	3,263	424	3,724
R. 124	13	137					
P. 484	426	910	1,009	910	719	187	910
R. 94	5	99					
P. 686	641	1,327	1,633	1,327	1,140	154	1,300
R. 277	29	306					
P. 592	537	1,129	1,328	1,129	888	224	1,119
R. 195	4	199					
P. 1,105	1,116	2,221	2,506	2,221	1,779	420	2,220
R. 281	4	285					
P. 604	573	1,177	1,303	1,177	939	238	1,177
R. 122	4	126					
P. 13,731	13,316	27,047	2,261	27,047	22,429	4,290	27,044
R. 1,986	364	2,350					
P. 1,110	1,054	2,164	1,112	2,164	1,312	811	2,149
R. 35	24	59					
P. ...	...	...	...	...	...	...	...
P. 38,513	36,712	75,225	1,539	75,225	61,108	13,940	74,639
R. 4,150	620	4,802					

STATEMENT

Number.	Circles and Districts.	Primary Vaccination—contd.	Re-vaccination.			Percentage successful which were
		Unknown.	Total.	Successful.	Unknown.	Primary.
1	2	12	13	14	15	16
1	Idar	2	32	28	4	99·32
2	Cambay	31	7	5	...	90·80
3	Aundh (Pant Pratinidhi)	172	57	4	3	99·68
4	Akalkot	28	88	80	8	100·00
5	Bhor (Pant Sachiv)	143	37	13	14	99·02
6	Phaltan	...	7	..	...	100·00
7	Sawantwadi	2	150	107	26	99·97
8	Sangli State	33	813	473	28	99·76
9	Jamkhindi State	11	50	29	3	100·00
10	Miraj Senior State	8	197	95	...	100·00
11	Miraj Junior State	...	99	99	...	100·00
12	Kurundwad State (Senior)	25	306	113	38	99·85
13	Kurundwad State (Junior)	7	199	74	...	99·73
14	Mudhol	...	285	33	45	99·95
15	Ramdurg	...	126	121	...	100·00
16	Kolhápur	1	2,350	2,115	4	99·99
17	Janjira	13	59	53	2	99·91
18	Sachin	...	...	...	...	...
	Grand Total ...	476	4,802	3,442	175	99·85

No. I—*contd.*

tage of successes in the results known.	Persons successfully vaccinated per 1,000 of Population.	Percentage of unknown cases to total cases.		Average annual Number of Persons successfully vaccinated during previous five years.		Average Annual Number of Deaths from Small-pox during previous five years.	
Re-vaccination.		Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
17	18	19	20	21	22	23	24
8·75	29·60	...	...	5,907	29·94	102	·4
7·1	30·10	1·30	7·10	2,217	90·66	...	...
7·41	29·54	8·27	5·93	1,728	26·77	...	...
100·00	32·91	1·07	9·07	2,925	36·00	...	...
61·74	25·69	4·07	37·84	2,636	20·21	...	...
...	32·37	...	...	1,827	42·21	...	...
86·29	31·12	·03	17·33	6,080	29·45	...	...
60·25	35·69	·44	34·44	7,928	35·82	...	...
61·70	37·43	·29	6·00	3,586	35·43	...	...
69·34	46·24	·21	...	3,549	42·97	...	...
100·00	29·10	...	...	1,264	36·46	...	...
42·17	36·45	1·88	12·42	1,429	36·86	...	...
37·19	34·78	·62	...	1,294	37·73	...	...
13·75	37·46	...	15·79	1,781	29·61	...	...
96·03	38·17	...	...	1,281	37·68	...	...
90·15	34·97	·00	0·17	27,340	32 79	...	...
92·93	25·15	·60	3·39	...	...	...	...
...	...	...	...	...	...	...	...
74·39	33·53	·63	3·64	72,249	30·76	...	...

STATEMENT No. I—*concld.*

Summary

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which results were known.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
By Special Staff (Statement I).	75,225	4,802	75,225	4,802	99·85	74·89

	Average number of persons vaccinated by each vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
	Vaccinators employed.	Persons vaccinated by each vaccinator.	Under one year.	One and under six years.			
						Rs. a. p.	Rs. a. p.
By Special Staff (Statement I).	52	1,539	61,108	12,940	38·53	38,773 8 4	0 7 11

STATEMENT II

STATEMENT

Showing the Cost of the Department in

No.	Circles and Districts.	Expen							
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.	Vaccinators.	Pay.	Clerks.	Pay.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
1	Idar ...	...	...	1	300 0 0	4	864 6 9	...	...
2	Cambay ...	...	...	2	3,840 0 0	2	666 0 0	...	...
3	Akalkot ...	...	...	1	480 0 0	2	572 15 0	...	...
4	Phaltan ...	...	...	...	...	1	228 0 0	...	...
5	Bhor ...	...	...	1	432 0 0	4	761 11 8	...	...
6	Savantwadi ...	...	...	1	720 0 0	6	1,677 0 0	...	...
7	Aundh (Pant Pratinidhi).	...	...	...	...	2	662 0 0	...	...
8	Kolhapur State ...	...	...	1	420 0 0	13	3,272 0 0	1	260 0 0
9	S. M. Country States.	...	...	8	2,396 13 6	17	3,916 8 5	1	180 0 0
10	Janjira ...	...	...	2	1,244 14 1	...	...	...	...
	Total ...	...	...	160	9,833 8 7	51	12,600 9 10	2	440 0 0

No. II

the Native States during the year 1926-27

diture.						Paid from	
Poona, etc.	Pay.	Total Pay of Establishment.	Travelling Allowances.	Contingencies.	Total Cost.	Imperial Funds.	Provincial Funds.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5	420 0 0	1,674 6 9	...	574 0 0	2,148 6 9	...	...
2	284 8 0	4,790 8 0	180 0 0	383 0 0	5,353 8 0	...	...
3	344 9 0	1,397 8 0	355 7 0	45 5 4	1,798 4 4	...	...
1	120 0 0	348 0 0	103 9 0	19 9 3	471 2 3	...	...
4	308 4 3	1,501 15 11	271 6 0	161 3 3	1,934 9 2	...	...
6	864 0 0	3,261 0 0	460 7 9	164 8 6	3,886 0 3	...	...
2	216 0 0	768 0 0	399 11 0	12 0 0	1,179 11 0	...	...
14	1,512 0 0	5,464 0 0	1,440 2 1	366 6 0	7,270 8 1	...	...
25	2,867 7 10	9,360 18 9	3,446 7 7	679 6 1	13,486 11 5	...	...
...	...	1,244 11 1	...	...	1,244 11 1	...	...
12	6,936 13 1	29,710 15 6	6,657 2 5	2,405 6 6	38,773 8 4	...	...

STATEMENT II—*concld.*

No.	Circles and Districts.	Paid from—*contd.*			Total.	Number of all successful Vaccinations and Re-vaccinations.	Average cost of each successful case.
		Local Funds.	Municipalities.	Native States.			
		Rs.	Rs.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Idar	...	...	2,148 6 9	2,148 6 9	6,026	0 5 8
2	Cambay	...	...	5,353 8 0	5,353 8 0	2,267	2 5 9
3	Akalkot	...	...	1,799 4 4	1,799 4 4	2,674	0 10 9
4	Phaltan	...	...	471 2 3	471 2 3	1,401	0 5 6
5	Bhor	...	...	1,934 9 2	1,934 9 2	3,348	0 9 3
6	Savantwadi	...	...	3,886 0 3	3,886 0 3	6,424	0 9 8
7	Aundh (Pant Pratinidhi) ...	...	...	1,179 11 0	1,179 11 0	1,906	0 9 11
8	Kolhapur State	...	...	7,270 8 1	7,270 8 1	20,159	0 4 0
9	S. M. Country States	...	...	13,486 11 5	13,486 11 5	22,674	0 9 6
10	Janjira	...	...	1,244 11 1	1,244 11 1	2,203	0 9 1
	Total ...	...	...	38,773 8 4	38,773 8 4	78,081	0 7 11

STATEMENT IV

STATEMENT

Showing the number of persons primarily vaccinated and the each of the under

Establishments.	Persons Primarily					
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended					
	1917-1918.		1918-1919.		1919-1920.	
Idar	4,026	3,327	...	...	Not	received
Cambay	2,066	2,055	1,995	1,985	1,847	1,841
Bhor (Pant Sachiv)	3,114	3,052	2,813	2,794	3,326	3,265
Phaltan	1,651	1,564	1,260	1,190	1,515	1,441
Sávantvádi	5,911	5,880	5,170	5,164	5,094	5,087
Aundh	...	...	...	...	...	...
Akalkot	3,103	3,009	2,744	2,693	3,049	2,994
Janjira	...	...	...	...	...	...
Southern Maratha Country States...	...	...	...	...	...	...
Kolhapur	...	...	...	...	...	...
Sachin	...	...	...	...	...	...
Total ...	19,876	18,887	13,982	13,826	14,831	14,628

No. IV

number of those persons who were successfully vaccinated in mentioned years

VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH.							
1920-1921.		1921-1922.		1922-1923.		1923-1924.	
5,805	5,650	5,945	5,825	5,887	5,734	6,330	6,180
1,781	1,769	2,121	2,090	2,047	1,881	2,167	2,130
2,915	2,786	2,791	2,742	3,135	3,020	2,764	2,707
1,475	1,450	1,251	1,250	1,245	1,243	1,507	1,506
4,613	4,604	4,819	4,812	5,387	5,382	2,496	2,361
1,743	1,565	1,965	1,824	2,071	1,906	6,064	6,063
2,953	2,895	3,149	3,072	3,010	2,965	1,890	1,688
.....	.....	1,915	1,906	2,019	2,013	2,145	2,142
.....	.....	20,821	20,747	21,062	21,006	20,924	20,866
.....	.....	24,428	24,419	25,435	25,415	26,004	25,995
.....	.....	.....	.....	.....	.....	.....	.....
21,285	20,719	69,205	68,687	71,298	70,564	72,291	71,638

STATEMENT No. IV—*concld.*

Establishment.	PERSONS PRIMARILY VACCINATED—*concld.*					
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	YEARS ENDED ON 31ST MARCH—*concld.*					
	1924-1925.		1925-1926.		1926-1927.	
Idar	6,021	5,599	5,788	5,768	6,039	5,998
Cambay	2,438	2,384	2,407	2,320	2,295	2,262
Bhor (Pant Sachiv)	3,988	3,788	3,921	3,673	3,511	3,335
Phaltan	1,356	1,356	1,315	1,315	1,401	1,401
Sávantvádi	6,637	6,637	6,212	6,206	6,321	6,317
Aundh	1,968	1,779	1,615	1,406	2,080	1,902
Akalkot	2,970	2,930	2,718	2,692	2,622	2,594
Janjira	2,172	2,166	2,194	2,161	2,164	2,149
Southern Maratha Country States...	20,867	20,810	22,241	22,181	21,745	21,637
Kolhapur	27,158	27,155	26,372	26,361	27,047	27,044
Sachin	2	1	...	...	...	...
Total ...	75,577	74,905	74,783	74,088	75,225	74,639

APPENDIX III

Statement showing the number of Vaccinations performed in Municipal Towns on children under one year of age

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1926.	Number of successful vaccinations on children under one year during the year ending March 1927.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
1	Dhulia ...	1,098	160	848	15th June 1925.
2	Nandurbár ...	519	90	316	Nil.
3	Jalgaon ...	598	122	494	Do.
4	Chopda ...	457	59	326	Do.
5	Nasirabad ...	616	142	305	Do.
6	Násik ...	1,066	289	979	Do.
7	Yeola ...	422	97	429	Do.
8	Málegaon ...	720	142	463	Do.
9	Thana ...	364	70	315	Do.
10	Kalyán ...	482	81	159	Do.
11	Alibág ...	125	19	54	Do.
12	Mahád ...	110	14	65	Do.
13	Panwel ...	173	23	49	Do.
14	Deolali Cantonment.	17	14	56	August 1915.
15	Bándra ...	622	127	618	August 1900.
16	Kurla ..	505	199	550	Do.
17	Bombay City ...	21,068	8,200	13,068	September 1877.
18	Ahmednagar ...	765	114	859	Nil.
19	Ahmednagar Cantonment.	264	44	154	26th April 1925.
20	Vámbori ...	162	26	100	Nil.
21	Sangamner ...	434	56	236	Do.
22	Poona City ...	2,565	1,879	3,786	Do.
23	Poona Cantonment .	114	30	726	Do.
24	Kirkee Cantonment.	114	61	245	Do.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1926.	Number of successful vaccinations on children under one year during the year ending March 1927.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
25	Sáswad ...	120	8	128	Nil.
26	Jejuri ...	108	14	44	Do.
27	Bárámati ...	425	92	265	Do.
28	Indapur ...	71	5	71	Do.
29	Sirur ...	60	5	121	Do.
30	Khed ...	158	15	51	Do.
31	Lonávla ...	242	86	129	Do.
32	Talegaon Dábhada...	132	36	48	Do.
33	Alandi ...	52	14	18	Do.
34	Junnar ...	183	22	136	Do.
35	Poona Suburban ...	278	88	285	Do.
36	Sholápur ...	5,122	1,147	2,051	Do.
37	Bársi ...	880	281	373	Do.
38	Karmála ...	177	36	108	Do.
39	Sángola ...	203	29	123	Do.
40	Pandharpur ...	689	458	373	Do.
41	Sátára ...	441	123	403	Do.
42	Wái ...	290	25	250	Do.
43	Rahimatpur ...	145	20	114	Do.
44	Karád ...	220	24	267	Do.
45	Islámpur ...	218	21	140	Do.
46	Ashta ...	322	42	269	Do.
47	Tásgaon ...	385	78	178	Do.
48	Vita ...	132	16	88	Do.
49	Mhasvad ...	266	52	148	Do.
50	Málcolmpeth ...	76	17	80	Do.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1926.	Number of successful vaccinations on children under one year during the year ending March 1927.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
51	Sátára Suburban ...	56	4	54	Nil.
52	Panchgani ...	20	3	5	Do.
53	Vengurla ...	759	85	250	Do.
54	Chiplun ...	344	19	114	Do.
55	Ratnagiri ...	476	31	155	Do.
56	Malwan ...	675	66	334	Do.
57	Belgaum ...	1,058	157	851	Do.
58	Belgaum Cantonment.	73	17	209	26th April 1925.
59	Nipáni ...	454	92	468	Nil.
60	Athani ...	310	32	230	Do.
61	Gokák ...	362	53	237	Do.
62	Saundatti ...	279	26	107	Do.
63	Dhárwár ...	998	97	1,025	Do.
64	Hubli ...	1,967	203	2,306	Do.
65	Gadag-Bettigeri ...	1,625	322	1,140	Do.
66	Navalgund ...	197	25	126	Do.
67	Nargund ..	248	32	177	Do.
68	Ránebennur ...	580	88	352	Do.
69	Byádgi ...	264	35	125	Do.
70	Gudguddapur ...	85	7	14	Do.
71	Háveri ...	205	19	220	Do.
72	Shiddedevapur ...				
73	Bijápur ...	1,069	136	910	Do.
74	Bágalkot ...	788	103	510	Do.
75	Guledgudda ...	690	148	283	Do.
76	Ilkal ...	457	109	499	Do.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1926.	Number of successful vaccinations on children under one year during the year ending March 1927.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
77	Kárwár ...	400	35	51	Nil.
78	Kumta ...	314	34	259	Do.
79	Honáwar ...	213	35	59	Do.
80	Bhatkal ...	217	22	46	Do.
81	Sirsi ...	203	43	34	Do.
82	Halyál ...	116	6	137	Do.
83	Gokarn ..	274	26	52	Do.
84	Ulvi ...	2	2	0	Do.
85	Surat ...	4,394	1,990	2,178	Do.
86	Ránder ...	240	73	97	Do.
87	Bulsar ...	605	84	215	Do.
88	Broach	1,785	335	1,009	Do.
89	Jambusar ...	549	141	131	Do.
90	Ankleshwar ...	532	141	262	Do.
91	Kaira ..	276	46	164	Do.
92	Mehmedabad ...	257	55	135	Do.
93	Nadiád ...	1,218	407	652	Do.
94	Borsad ...	676	201	356	Do.
95	Anand ...	317	80	263	Do.
96	Umreth ...	688	193	321	Do.
97	Dákcre ...	286	100	125	Do.
98	Kapadvanj ...	611	154	295	Do.
99	Godhra ...	1,242	300	575	Do.
100	Dohad ...	568	169	358	Do.
101	Ahmedabad ...	11,495	5,032	7,724	6th July 1915.
102	Dhandhuka ...	363	91	163	Nil.

No.	Towns.	Number of Births during the year.	Number of Deaths amongst children under one year during the year 1926.	Number of successful vaccinations on children under one year during the year ending March 1927.	Date of extension of Vaccination Act to Town.
1	2	3	4	5	6
103	Viramgaon ...	833	333	443	Nil.
104	Dholka ..	650	161	349	Do.
105	Karachi ...	9,670	2,412	5,302	October 1879.
106	Hyderabad ...	3,242	928	809	February 1914.
107	Hyderabad Cantonment.	32	4	18	Do.
108	Lárkáná ...	775	165	123	April 1899.
109	Sukkur ...	1,344	238	552	June 1904.
110	Rohri ...	370	85	138	Do.
111	Shikárpur ...	1,870	463	1,070	Nil.
112	Tatta ...	159	25	67	Do.
113	Jacobabad ...	210	38	182	Do.
114	Aden ...	725	196	157	28th December 1916.

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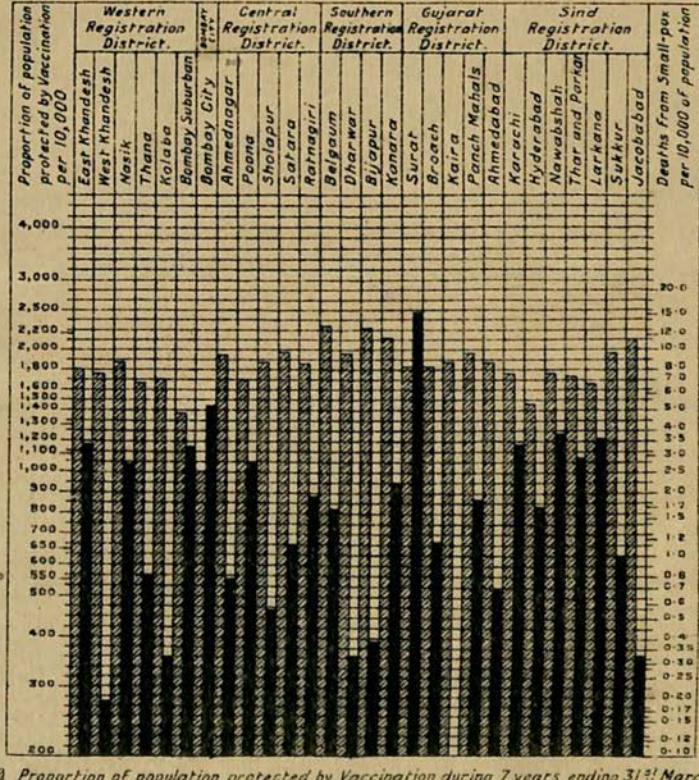
APPENDIX IV.

Diagram illustrating the death rates from Small-pox during the year 1926-27 and the proportion of population protected by vaccination during the seven year periods from 1920-21 to 1926-27.

(NOTE:- Scale figures are at Log interval)



Proportion of population protected by Vaccination during 7 years ending 31st March 1927

Ratio of deaths from Small-pox per 10,000 of population during the year 1926-1927

Bombay Annual Vaccination Report for 1926-1927.

IN THE
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OF THE
ASIATIC

Annual Notes

on

Vaccination in the Bombay Presidency

for the Year 1927-28

(with Appendices)

[Price—Annas 10 *or* 1*s.* 1*d.*]

BOMBAY
PRINTED AT THE GOVERNMENT CENTRAL PRESS
1928

Obtainable from the Superintendent of Government Printing and Stationery, Bombay; from the High Commissioner for India, 42 Grosvenor Gardens, S.W.1, London; or through any recognized Bookseller

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APPENDIX III

Diagram showing the proposition of population successfully vaccinated during seven years from 1st April 1921 to 31st March 1928, and the death rate from small-pox during 1927-28.

NOTES ON VACCINATION IN THE BOMBAY PRESIDENCY FOR THE YEAR 1927-28

These notes are modified in accordance with instructions contained in memo: No. 1067/H, dated the 25th June 1928, from the Government of India, Department of Education, Health and Lands. Figures of dispensary vaccinations are included in statement No. I, and statement No. III has been omitted. Appendix III has also been omitted the required information being given in the body of the report as a separate statement showing the towns in which the Vaccination Act is in force.

2. *Selected Districts.*—The system introduced in the year 1910 by which the control of vaccination in one district of each Registration Circle is exercised by the Local Board of that district was continued throughout the year.

3. *Changes in area and administration.*—No changes occurred in the Western Registration District. In the Central Registration District, Man taluka of the Satara District was constituted a mahal with effect from 1st April 1928. In Sind, 2,046 villages are said to have been depopulated. Vaccination of the Civil population of Belgaum Cantonment was handed over to the Medical Officer in charge of the Cantonment Hospital with effect from June 10th, 1927. The control of vaccination in Bansda State hitherto under the Gujarat Registration District was transferred to the State authorities in July 1927. Whereas formerly in Muscat town vaccinations have been performed at the Agency Hospital only when small-pox was prevailing, it is now carried out as a routine during the cold season. Three thousand six hundred and fifteen persons were vaccinated in Muscat during the year.

4. *Changes in supervising staff.*—The following table shows the various officers who held the appointments of Director and Assistant Directors of Public Health and the Director, Vaccine Institute, Belgaum, during the year under report.

Appointment	Name	Period	Remarks
Director of Public Health.	Lieut.-Colonel H. M. H. Melhuish, D.S.O., I.M.S.	25th February to 31st March 1928.	On leave April 1st 1927 to February 24th 1928.
	Dr. J. D. Munsiff, M.R.C.P., F.R.C.S., D.P.H.	1st April 1927 to 24th February 1928.	Acting. Assistant Director of Public Health, Western, R. D. (on leave) 25th February to March 31st 1928.

Appointment	Name	Period	Remarks
Assistant Director of Public Health, Western Registration District.	Major W. C. Spackman, M.R.C.S., L.R.C.P., I.M.S.	1st to 15th May 1927 .	Acting in addition to his own duties as Civil Surgeon, Nasik.
	Dr. N. B. Majmundar, L.M. & S.	16th May to 3rd June 1927.	Do. do.
	Dr. R. K. Mhatre, D.P.H.	4th June 1927 to 31st March 1928.	Acting.
Assistant Director of Public Health, Central Registration District.	Dr. Accacio da Gama, D.P.H.	1st April 1927 to 31st March 1928.	
Assistant Director of Public Health, Gujarat Registration District.	Dr. K. A. Gandhi, D.P.H.	1st April 1927 to 31st March 1928.	
Assistant Director of Public Health, Sind Registration District.	Dr. R. V. Shiveshwarkar, D.P.H.	1st April 1927 to 16th September 1927 and 22nd October 1927 to 31st March 1928.	On deputation to the Malaria Class at Saharanpur from 17th September to 21st October.
	Lieut.-Colonel I. D. Jones, I.M.S.	17th September to 21st October 1927.	Acting in addition to his own duties as Civil Surgeon, Karachi.
Assistant Director of Public Health, Southern Registration District.	Dr. J. L. Pinto, D.P.H.	1st April 1927 to 31st March 1928.	
Director, Vaccine Institute, Belgaum.	Dr. J. L. Pinto, D.P.H.	1st to 23rd April 1927.	Acting in addition to his own duties.
	Dr. J. B. Mama, L.M. & S., D.P.H.	24th April 1927 to 31st March 1928.	

5. *Changes in the strength of the establishment.*—The vaccinator of Shirpur continued to act as Registration karkun in addition to his other duties throughout the year.

The permanent vaccination establishment in Thar and Parkar district was increased by three vaccinators and one candidate vaccinator. The three additional vaccinators were posted to the desert talukas of Thar and Parkar District—Mithi, Chachro and Nagar Parkar—Besides this establishment, a temporary candidate vaccinator sanctioned by the District Local Board was employed for 8 months during the year.

An additional vaccination karkun was appointed permanently in Hyderabad town.

Owing to the transfer of vaccination work of Bansda State the number of vaccinators in Native States was reduced from 22 to 21 with effect from July 1927.

No other changes of importance in the strength of the vaccination establishment took place during the year.

Primary Vaccination (Appendix I, Statement I)

6. During the year 1927-28, 651,034 persons were primarily vaccinated against 663,050 in the previous year. A decrease is observed in all Collectorates of the Western and Gujarat Registration Districts.

The following table shows the number of vaccinations performed in Western Registration District together with deaths during the years 1923-24 to 1927-28.

Districts	Vaccinations performed					Deaths				
	1923-24	1924-25	1925-26	1926-27	1927-28	1923	1924	1925	1926	1927
East Khandesh ...	36,802	37,250	39,960	39,869	39,258	7,760	11,562	8,589	11,904	8,869
West Khandesh...	20,570	21,633	23,054	24,300	23,494	4,482	5,673	4,817	5,712	4,523
Nasik ...	30,556	30,652	31,709	32,274	32,034	6,380	7,705	5,754	7,882	7,081
Thana ...	21,129	20,860	22,566	23,012	22,570	3,002	4,032	3,014	3,558	3,048
Bombay Suburban.	4,180	4,434	4,970	5,223	4,802	454	500	473	665	523
Kolaba ...	15,945	16,608	17,980	18,258	17,904	3,263	3,658	3,105	3,709	3,122
Total ...	129,073	131,447	140,239	142,936	140,362	25,341	33,130	25,752	33,430	27,166

The present slight drop of 2,600 has been preceded by a steady rise since 1923-24 reaching an increase of over 14,000 in 1926-27.

In Gujarat heavy rains and floods extending over large areas put a stop to the work of the vaccinators who were employed on Flood Relief duties for a time.

The following table shows the number of children under one year available for vaccination calculated (1) on the number of births registered less deaths under one year; and (2) on probable number of births at 31 per 1000 of population less deaths—and the percentages successfully vaccinated.

Districts	Population	Number of births during the year	Deaths under one year.	Births minus Deaths	Births at the rate of 31 per 1000 of population	Number of children under one year successfully vaccinated	Percentage of available children (Column 5) successfully vaccinated	Percentage of available children 31 per 1000 of population (Column 6) minus deaths successfully vaccinated
1	2	3	4	5	6	7	8	9
Western Registration District.	4,027,344	175,285	27,166	148,119	124,848	87,611	59·15	89·69
Central Registration District.	4,702,505	187,279	30,047	157,232	145,778	100,688	64·03	87·00
Southern Registration District.	3,163,777	127,283	17,810	109,473	98,607	69,569	63·54	86·13
Gujarat Registration District.	2,958,849	119,943	20,519	99,424	91,724	63,600	63·97	89·32
Sind Registration District.	3,279,377	75,193	11,669	63,524	101,661	56,858	89·51	63·18
Total ...	18,151,852	684,983	107,211	577,772	562,707	378,426	65·50	88·08

For the Presidency as a whole the percentages were (1) 65·50 and (2) 83·08.

The deficiency in Birth Registration in Sind is very noticeable.

7. *Results.*—Out of 651,119 primary vaccinations 567,711 or 87·19 per cent were successful and 1,206 or 0·19 per cent unsuccessful. In the remaining 12·62 per cent of cases the results could not be ascertained.

Eighty-five persons were vaccinated a second time owing to failure of the first operation.

8. *Age and sex.*—Of the primary vaccinations, 422,250 or 74 per cent, were of infants under one year of age, and 137,485 or 24 per cent, of children between the ages of one and six years. By sex, 340,595 were males and 310,439 females, equal to a proportion of 109·71 to 100. The proportion of male to female children born during the year was 107·98 to 100.

Re-vaccination (Appendix I, Statement I)

9. During the year 1927-28, 115,246 persons were re-vaccinated against 117,264 in the previous year showing a decrease of 2,018. The percentage of successful re-vaccinations was 19·20. Results could not be ascertained in 54·30 per cent of cases.

A circular has been issued to all Officers of the Department inviting their attention to the remarks made by the Public Health Commissioner with the Government of India in an address delivered by him at Calcutta before the 7th congress of the Far Eastern Association of Tropical Medicine regarding the importance of re-vaccination and they have been directed to devote special attention to the subject and to instruct their Inspectors and Vaccinators in the importance of pushing on re-vaccination propaganda. Attempts are being made through the educational authorities to popularise re-vaccination among school children.

10. *Vaccination of pilgrims at Karachi.*—A temporary vaccination establishment consisting of one male and one female vaccinator, one clerk and one coolie was entertained in Karachi town for the vaccination of pilgrims proceeding to the Hedjaz. A second male vaccinator was entertained from 14th April to 26th May 1927. Fifteen thousand and five pilgrims were re-vaccinated during the months of April and May 1927 and January, February and March 1928 of whom 12,932 were males and 2,073 females. By age periods 38 were under one year, 73 between one and ten years, and the remaining 14,894 above ten years. The total expenditure incurred on vaccination of these pilgrims amounted to Rs. 941-10-7 and was defrayed by Government. In the preceding year 11,475 pilgrims were vaccinated at a total expenditure of Rs. 871-9-0.

Vaccination in Indian States (Appendix II, Statement I)

11. In the Indian States 82,413 persons were primarily vaccinated against 75,225 in 1926-27. The number of successful cases was 81,755 or 99·20 per cent. The percentage of success excluding unknown was 99·92.

Re-vaccinations numbered 3,729 against 4,802 in the previous year. The success rate, excluding 355 unknown results was 67·66.

12. *Total operations.*—During the year the total number of primary vaccinations performed amounted to 733,447 and of re-vaccinations to 118,972 against 738,277 and 122,066 in 1926-27.

13. *Incidence of small-pox.*—The following table shows the incidence of small-pox by three age periods in the different Registration Districts :—

Districts	Total deaths	Age			Percentage of deaths		
		Under one year	Under ten years	Above ten years	Under one year	Under ten years	Above ten years
Western Registration District.	1,516	501	832	183	33·05	54·18	12·07
Central Registration District.	1,694	423	840	431	24·97	49·59	25·44
Southern Registration District.	501	125	189	187	24·95	37·72	37·33
Gujarat Registration District.	329	116	144	69	35·26	43·77	20·97
Sind Registration District.	245	45	103	97	18·37	42·04	39·59
Total ...	4,285	1,210	2,108	967	28·24	49·19	22·57

In all, there were 4,285 deaths which compares satisfactorily with the quinquennial mean (Calendar Years) of 4,940. The incidence was heaviest in the East Khandesh, Nasik, Ahmednagar, Sholapur, Belgaum and Surat Districts.

14. *Vaccination campaigns.*—With the object of reducing the number of unprotected school children to a minimum the usual monsoon campaign was conducted by Inspectors of Vaccination in Municipal Towns and Taluka Head Quarters.

Vaccinations in police lines and out-posts in being carried out regularly. Special visits are paid by the vaccinators every month for this purpose.

The vaccinators in charge of big fair centres were directed to push on primary and re-vaccinations well in advance of the various *melas* with the result that all centres escaped infection.

An attempt was made through the agency of influential local councillors and other public men to induce the Momin community at Malegaon to get their children vaccinated but without much success. These people are deaf to all persuasion in spite of the recurrent epidemics of considerable severity which sweep the town constituting a menace to the rest of the District. The application of the Vaccination Act to Malegaon requires consideration.

15. *Lymph.*—The lymph prepared at Vaccine Institute was the only one used throughout the Presidency.

The following table gives the results of all vaccinations performed excluding cases in which the result could not be ascertained.

Circles	Number of operations		Successful excluding unknown results		Percentage of success	
	Primary Vaccination	Re-vaccination	Primary	Re-vaccination	Primary	Re-vaccination
Western Registration District.	142,324	4,565	112,981	1,397	99·77	45·49
Bombay City ...	19,945	24,956	18,357	109	99·32	100·00
Central Registration District.	159,568	10,565	132,402	3,513	99·93	55·97
Southern Registration District.	102,809	37,987	99,097	9,730	99·91	35·51
Gujarat Registration District.	120,967	4,593	108,986	1,116	99·72	31·31
Sind Registration District.	100,593	20,897	93,966	1,199	99·84	28·92

Cost of Vaccination (Appendix I, Statement II)

16. The cost of vaccination came to Rs. 646,283 against Rs. 616,932. The increase in the expenditure is chiefly due to an item of Rs. 16,768 for electrical energy supplied by the Electrical Engineer's Department to the Vaccine Institute, which is now debited to 33 Public Health. The appointment of a full time Director of the Vaccine Institute and increments to the pay of various Officers account for the remainder.

The average cost of each successful case of vaccination was Rs. 1-1-9 against Rs. 1-0-10 in the previous year.

Vaccine Institute, Belgaum

17. The Vaccine Institute under its new Director Dr. J. B. Mama, transferred from the Public Health Laboratory Poona of which he has been in charge since 1st April 1911, had a successful year's work, 102,697 c.c. of lymph being manufactured and 1,294,200 doses issued as compared with 1,215,330 during the previous year and exceeding all issues during the past three years. Besides the vaccinators of the Presidency lymph was supplied to Baroda, Kotah, Idar and Jhalwar States as well as to Kathiawar, Palanpur and Mahikantha Agencies. The increase in the total issues of lymph is largely due to increased demands from these States.

Of the 1,294,200 doses issued 890,875 were reported to have been used. Of the remaining 400,000 doses over 200,000 were issued to Indian States, 128,000 to Civil Medical Officers and others and 23,000 to Military Medical Officers, the success rate for all primary operations being 99·81 and for re-vaccinations 46·57. The high quality of

lymph for which the Institute has become noted was thus maintained. It is satisfactory to observe that the case success rate in the Indian States 99·58 is little less than that in the Presidency Districts. At the close of the year there was a balance of 31,067 c.c. or 621,340 doses of lymph on hand. No new processes were adopted in the preparation and purification of the lymph, reliance being placed on its occasional passage through rabbits to maintain the potency; and on the chloroform process, which has given consistently good results in the past, for purification. Observations on the effect of keeping lymph for long periods in cold storage were continued during the year.

Seed lymphs were obtained from Patwadangar, Lahore, Madras and Trivendrum, lymphs from Belgaum being sent in exchange.

Calves.—No calf was purchased during the year.

Buffalo calves were not made use of.

Nine hundred calves were hired from the contractor as compared with 985 during the previous year. At the commencement of the year there were 42 calves on hand. The whole 942 were ultimately returned to the contractor after vaccination, non remaining in stock at the end of the year. Of the 927 calves vaccinated during the year 15 proved unsuccessful and the lymph from 9 was rejected as unfit for use. The total lymph manufactured 102,697·25 was thus obtained from 903 calves the yield of pulp in grammas per calf being 19·30 as compared with 19·34 in 1926-27 and 20·08 in 1925-26.

No case of cattle disease occurred among the calves and the work proceeded without interruption throughout the year. The practice of testing every lymph on children before issue from the Institute was continued, 2,065 children being vaccinated in this way.

Repairs.—Current repairs were carried out as usual by the Public Works Department. No new buildings were added. The inner masonry lining of well No. 3 was completed but the electrical pump has not yet been fitted.

Administrative approval for the construction of a new rabbit house at an estimated cost of Rs. 6,132 has been accorded by Government in their resolution, General Department, No. 5217 dated 10th March 1927 and the work will be commenced if funds are provided.

The following projects are still under consideration :—

(1) Additional quarters for the staff.
(2) A new school house.
(3) Lecture hall.
(4) Hostel for vaccinators and others attending the special training class held at the Institute.

Refrigerating plant and machinery.—The working of the cold room was satisfactory. The average maximum and minimum temperature readings have been 9·89° F and 9·36° F respectively with a mean of 9·62° F. The maximum temperature recorded during the year was 13·5° F. It is proposed to instal an Electrolux or similar apparatus as an adjunct to the cold room, for the purpose of keeping lymph temporarily above ground.

Drainage.—The drainage system continued to work satisfactorily. The effluent from the septic tank was utilised as usual for irrigating crops of lucern, banana trees, etc., on the sewage farm. During the rains about an acre of the farm was used for crops of bajari and jawari which served as fodder for the calves.

Water Supply.—The annual shortage of water occurred during the hot weather necessitating rigid curtailment for all purposes and causing no little inconvenience to the staff. It is hoped that when the repairs to well No. 3 are completed this difficulty will be largely overcome.

The results of primary vaccinations performed by the Vaccinators were carefully scrutinized by the Director of the Institute. A chart showing the results of monthly primary vaccinations for the three years in the five Registration Districts and in Bombay City is attached.

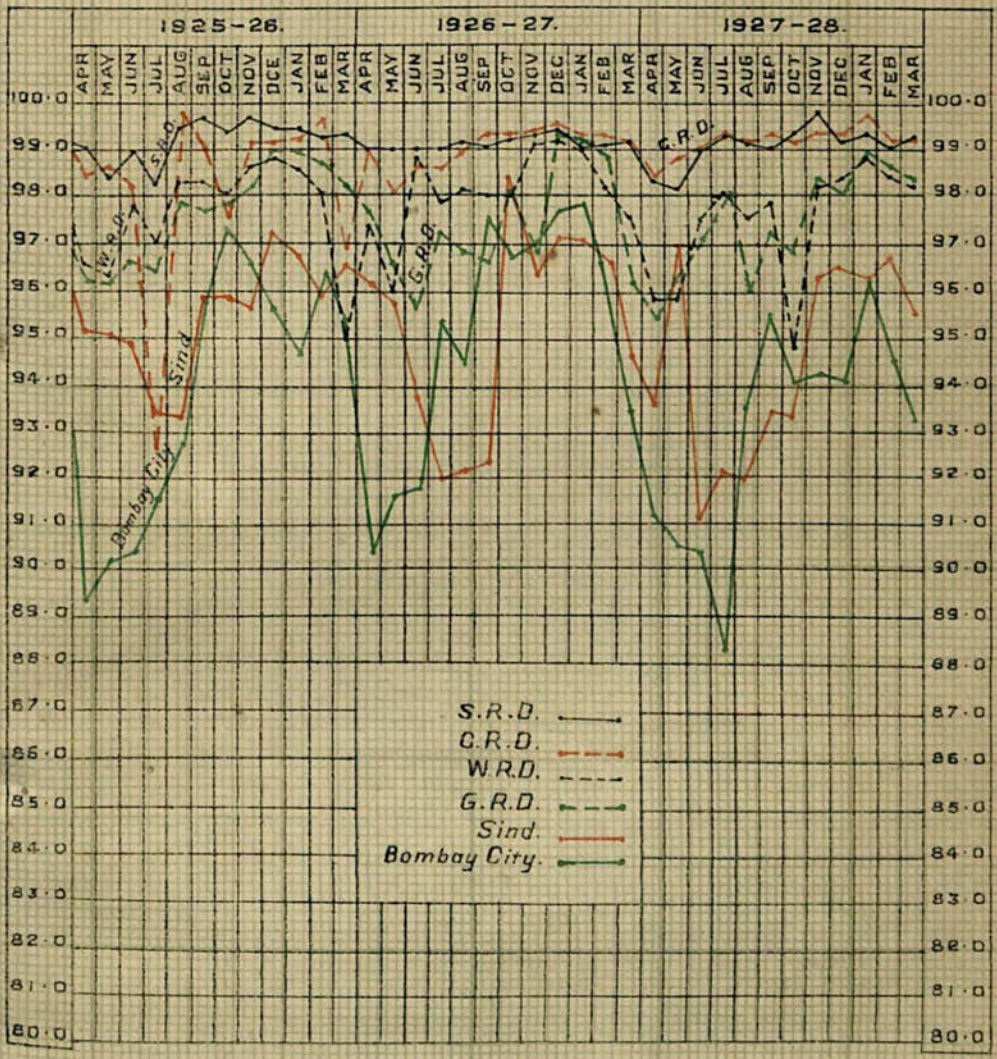
Expenditure.—The expenditure for the year amounted to Rs. 73,989-13-4 excluding annual repairs, interest on capital outlay and pension and leave contribution, against Rs. 49,218-14-5 during last year. The increase of Rs. 24,770-14-11 in expenditure is due principally to the cost of electrical energy debited for the first time, this year, to 33 Public Health. The receipts including sale of lymph and contributions came to Rs. 74,827-13-1 showing a profit of Rs. 837-15-9. If interest on capital outlay, etc., are included in expenditure there was a deficit of Rs. 21,817-7-9. The net expenditure after deducting sale proceeds of lymph to non-contributing bodies was Rs. 45,275-0-3 against Rs. 22,076-12-2 in the previous year. The cost of lymph per dose manufactured was 12·78 and the cost per dose despatched 14·29 pies.

18. *Inspection work of the Assistant Directors of Public Health and Inspectors of Sanitation and Vaccination.*—The Assistant Directors of Public Health inspected 20,993 (or 3·34 per cent) vaccinated persons, in 838 towns and villages and travelled 32,106 miles. The Inspectors of Sanitation and Vaccination inspected 179,349 persons in 7,078 towns and villages travelling 88,730 miles. Thus the results of 200,342 vaccinations or 31·89 per cent of the total number performed were checked by examination. The success rate of primary vaccinations as ascertained by the Assistant Directors of Public Health was 99·18 and by Inspectors 93·59.

19. *Compulsory Vaccination.*—Excluding Bombay City, Aden and the five Cantonments Ahmedabad, Ahmednagar, Hyderabad, Belgaum and Deolali, the Vaccination Act is in force in only 10 Municipal towns of this Presidency. The figures for other provinces are approximately as under :—

	Towns		Towns
Bengal Presidency ...	110	United Provinces ...	85
Assam	23	North West Frontier Province	9
Punjab	106	Madras Presidency ...	81
Central Provinces ...	72	Coorg	2
Burma	63		
Bihar and Orissa ...	58		

INSERTION SUCCESS RATES OF PRIMARY VACCINATIONS WITH GLYCERINATED LYMPH IN THE SEVERAL REGISTRATION DISTRICTS OF THE PRESIDENCY & BOMBAY CITY FOR THE YEARS 1925-26, 26-27 & 27-28.


1925-26.
1926-27.
1927-28.
APR MAY JUN JUL AUG SEP OCT NOV DCE JAN FEB MAR
APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR
APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR
100·0 99·0 98·0 97·0 96·0 95·0 94·0 93·0 92·0 91·0 90·0 89·0 88·0 87·0 86·0 85·0 84·0 83·0 82·0 81·0 80·0
S.R.D.
C.R.D.
W.R.D.
G.R.D.
Sind.
Bombay City.

One hundred and ninety-two prosecutions were instituted under the Act during the past year mostly in Karachi City (137) and Hyderabad (33). Fines were inflicted in 17 cases and 9 others were still pending at the end of the year.

Of the 15,417 children born during the year in the five towns of Sind in which the Act applies—Karachi, Hyderabad, Sukkur, Larkana and Rohri—only 8,051 or 52 per cent. were vaccinated. 2,941 or 20 per cent. died and 33 contracted small-pox before they were due for vaccination. Two thousand six hundred and thirty-five left the city, 383 were excused on account of illness and 1,347 remained un-vaccinated.

Hyderabad is still backward in vaccination. The percentage of children under one year successfully vaccinated in Karachi town was 73·97 and in Hyderabad town 27·31.

Except in Ahmedabad and Karachi cities the bye-laws regarding registration of births and deaths are not properly enforced with the result that many births escape registration and the number of children procurable for vaccination is in consequence smaller than it should be. Such children provide a potential source of danger to the community and it is for Local Bodies to realise this and to see to it that all births which occur in their areas are registered and the children vaccinated.

The following table shows the progress made in the protection of infants during the year under report and the number of deaths from small-pox during five years in those towns in which the Act has been in force together with date of extension of vaccination Act to the town—

Name	Population	Number of births during the year	Children available for vaccination		Number of children under one year successfully vaccinated
			Births minus deaths of children under one year	At the rate of 31 per 1000 of population	
Bombay City ...	1,175,914	21,685	14,828	36,453	12,568
Bandra ...	27,411	706	601	907	518
Kurla ...	26,059	518	390	807	51
Ahmedabad ...	270,775	11,577	8,555	8,387	7,231
Ahmedabad Cantonment ...	3,232	.....	15	100	.....
Karachi ...	216,683	10,410	8,241	6,961	5,159
Hyderabad ...	73,951	3,023	2,395	2,512	707
Hyderabad Cantonment ...	3,760	25	17	116	21
Sukkur ...	42,759	1,346	1,186	1,340	815
Rohri ...	11,378	329	261	308	185
Larkana ...	17,723	691	558	572	81
Deolali Cantonment ...	18,789	19	7	582	62
Dhulia ...	30,605	1,246	1,065	948	520
Nagar Cantonment ...	10,997	260	227	340	221
Belgaum Cantonment ...	6,389	90	69	213	121
Bhusawal ...	10,860	635	468	337	140
Aden ...	56,500	736	514	1,751	134

Name	Number of deaths from Small pox					Date of extension of Vaccination Act to Town
	1923-24	1924-25	1925-26	1926-27	1927-28	
Bombay City ...	785	1096	413	651	723	September 1877.
Bandra ...	7	19	8	7	5	August 1900.
Kurla ...	7	10	3	12	2	Do.
Ahmedabad ...	159	662	93	14	8	6th July 1913.
Ahmedabad Cantonment ...	...	1	...	...	...	.....
Karachi ...	40	136	55	52	8	October 1879.
Hyderabad ...	213	123	8	50	12	February 1914.
Hyderabad Cantonment ...	5	...	...	...	...	Do.
Sukkur ...	...	1	47	1	..	June 1904.
Rohri ...	1	1	5	...	...	Do.
Larkana ...	...	3	25	4	2	April 1899.
Deolali Cantonment ...	5	...	...	...	2	August 1915.
Dhulia ...	209	6	3	3	...	15th June 1925.
Nagar Cantonment ...	...	...	1	...	1	26th April 1925.
Belgaum Cantonment ...	2	1	...	...	...	Do.
Bhusawal ...	12	7	1	6	16	17th August 1926.
Aden ...	6	2	5	8	2	28th December 1916.

In Deolali Cantonment there were 129 primary vaccinations performed by the S. M. S. Officer in charge of the Cantonment Hospital of which 107 were returned as successful giving a percentage of 83·72.

The Compulsory Vaccination Act which was brought into force in Belgaum Cantonment from 15th May 1925 continued throughout the year. The work was in charge of the Cantonment Medical Officer who performed 235 primary and 49 re-vaccinations.

20. The practice of inoculation was detected in Labdarya and Thul talukas.

In Labdarya taluka there was insufficient evidence on which to prosecute.

In Thul taluka the vaccinator while performing work found some children inoculated by a Syad who absconded to Kalhat territory. A case was filed against 4 persons who had got their children inoculated by him. They were convicted under section 22 of the Vaccination Act I of 1892 and fined Rs. 15 each.

Another inoculator also a Mahomedan was reported by the vaccinator of the same taluka to have inoculated several children. Papers together with the list of inoculated children submitted by the vaccinator have been forwarded to the Deputy Commissioner, Jacobabad.

21. No ill effects were reported to have occurred after vaccination during the year.

22. The Chief Engineer Lloyd Barrage and Canals Construction has arranged for vaccination in the townships and at the quarries to be performed by the Health Officer of the Barrage.

23. A diagram illustrating the proportion of population protected by vaccination during the seven years from 1st April 1921 to 31st March 1928 and the death rate from Small-pox for the year 1927-28 is given as Appendix III.

General Remarks.

24. The Director, Vaccine Institute attended the Health and Baby week held at Poona in July 1927, where he demonstrated the processes of lymph preparation. A lecture on the subject was also given at the Seva Sadan.

He also attended the Far Eastern Tropical Medical Congress at Calcutta.

The Hon'ble Diwan Bahadur Harilal Desaibhai Desai, B.A., LL.B., Minister of Education paid a visit to the Vaccine Institute accompanied by Mr. P. R. Chikodi, B.A., M.L.C., on 8th November 1927 and after inspecting the whole Institute expressed his appreciation of the work being done there.

The Health Officers visiting this country from abroad under the auspices of the League of Nations inspected the Institute on February 12th, 1928.

A training class for vaccinators was held from 1st July to 30th September 1927. There were in all 17 candidates in attendance out of whom 15 passed the final examination. Other persons trained at the Institute were Dr. Gopala Pillai, D.P.H., Superintendent of Triwendrum Vaccine Institute, Mr. Javarkar, L.C.P.S., Medical Officer of Health, Dhulia Municipality and a vaccinator from Miraj Junior State.

Baby Week.—Baby weeks were celebrated at many places. The Assistant Directors of Public Health personally visited as many shows as possible and deputed their Inspectors to attend others.

Small-pox stalls were fitted up at most of the shows and advice and assistance generally were given by the vaccination staff to the show Committees—Demonstrations on vaccination were also given by the Inspectors.

"*Afrin Namas*" were granted by the Assistant Director of public Health, Sind Registration District to seven influential gentlemen for rendering help to the Inspectors and Vaccinators in the performance of their duties.

H. MELHUISH, D.P.H.,
Lieut.-Colonel, I.M.S.,
Director, Public Health.

Poona, 24th August 1928.

APPENDICES

APPENDIX

STATEMENT

Showing the Particulars of Vaccination in the

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	WESTERN REGISTRATION DISTRICT.			
	EAST KHANDESH COLLECTORATE—			
1	Chopda Town (Municipal)	16,930	11,338	1
2	Nasirabad do. (Local Fund)... ...	12,188	.....	.....
3	Jalgaon do. (Municipal)	23,710	66	1
4	In the 13 Rural circles. { Local Fund ... / Municipal ... }	1,023,009	224	18
	Total ...	1,075,837	236	20
	WEST KHANDESH COLLECTORATE—			
5	Dhulia Town (Municipal)	30,605	52	1
6	Nandurbar do. (do.)	13,842	.....	1
7	In the 8 Rural circles. { Local Fund ... / Municipal ... }	597,400	109	13
8	Dhulia Jail	.....	.....	S. M. S.
	Total ...	641,847	118	{ S. M. S. 1. 14 }
	NASIK COLLECTORATE—			
9	Nasik Town (Municipal)	42,756	.....	1
10	Yeola do. (do.)	13,911	8,137	1
11	Malegaon do. (do.)	23,711	930	1
12	Deolali Cantonment	16,789	94	.....
13	In the 12 Rural circles, Local Fund ...	733,409	124	17
	Total ...	832,576	142	20
	THANA COLLECTORATE—			
14	Thana Town (Municipal)	22,639	2,227	1
15	Kalyan do. (do.)	17,829	12,600	1
16	In the 9 Rural circles, Local Fund ...	719,448	205	17
	Total ...	759,916	221	19

I

No. I

Bombay Presidency during the year 1927-28

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 245	228	473	475	473	278	133	411	62
R. 2	.....	2						
P. 233	222	455	455	455	260	83	343	112
R.	.....	...						
P. 330	314	644	965	644	314	94	412	231
R. 236	85	321						
P. 17,360	16,678	34,038	2,124	34,038	21,462	4,783	26,405	7,539
R. 402	120	522						
P. 1,880	1,768	3,648		3,648	1,785	639	2,434	1,213
R. 22	8	30						
P 20,048	19,210	39,258	2,007	39,258	24,099	5,732	30,005	9,157
R. 662	213	875						
P. 581	560	1,141	1,165	1,141	820	146	967	173
R. 18	6	24						
P. 241	238	479	482	479	323	120	443	34
R 1	2	3						
P. 10,196	10,480	20,676	1,694	20,676	12,877	2,424	15,343	5,317
R. 89	52	141						
P. 633	565	1,198		1,198	789	301	1,093	105
R. 1	2	3						
P. 6	6	12	1,034	12	1	11	12	...
R. 969	53	1,022						
P. 11,657	11,849	23,506	1,764	23,506	14,810	3,002	17,858	5,629
R. 1,078	115	1,193						
P. 762	660	1,422	1,742	1,422	977	231	1,218	204
R. 278	42	320						
P. 274	282	556	561	556	424	80	508	48
R. 3	2	5						
P. 604	554	1,158	1,353	1,158	685	122	813	313
R. 168	27	195						
P. 68	57	125	401	125	62	41	103	22
R. 226	50	276						
P. 14,468	14,305	28,773	1,741	28,776	18,370	3,719	22,248	6,474
R. 603	210	813						
P. 16,176	15,858	32,034	1,689	32,037	20,518	4,193	24,890	7,061
R. 1,283	331	1,614						
P. 348	376	724	1,493	724	516	190	709	7
R. 700	69	769						
P. 253	245	498	500	498	230	208	442	54
R 1	1	2						
P. 11,099	10,609	21,648	1,257	21,648	13,850	4,928	18,897	2,734
R. 170	61	231						
P. 11,640	11,230	22,870	1,256	22,870	14,596	5,326	20,048	2,795
R. 871	131	1,002						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of Successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	WESTERN REGISTRATION DISTRICT.					
	EAST KHANDESH COLLECTORATE—					
1	Chopda Town (Municipal)	2	...	1	100·00	0·00
2	Nasirabad do. (Local Fund)	...	...	...	100·00	...
3	Jalgaon do. (Municipal)	321	119	136	99·75	64·32
4	In the 13 Rural circles. Local Fund ...	522	126	288	99·65	53·85
	In the 13 Rural circles. Municipal ...	30	4	20	99·65	40·00
	Total ...	875	249	445	99·68	57·90
	WEST KHANDESH COLLECTORATE—					
5	Dhulia Town (Municipal)	24	14	9	99·90	93·33
6	Nandurbar do. (do.)	3	2	1	99·55	100·00
7	In the 8 Rural circles. Local Fund ...	141	60	62	99·88	75·95
	In the 8 Rural circles. Municipal ...	3	1	1	100·00	50·0
8	Dhulia Jail	1,022	1,022	...	100·00	100·00
	Total ...	1,193	1,099	...	99·89	92·12
	NASIK COLLECTORATE—					
9	Nasik Town (Municipal)	320	104	145	100·00	57·46
10	Yeola do. (do.)	5	1	...	100·00	20·00
11	Malegaon do. (do.)	195	5	9	96·90	2·69
12	Deolali Cantonment	276	1	...	100·00	·36
13	In the 12 Rural circles, Local Fund ...	818	218	400	99·76	53·15
	Total ...	1,614	329	557	99·66	31·12
	THANA COLLECTORATE—					
14	Thana Town (Municipal)	769	221	163	98·88	36·45
15	Kalyan do. (do.)	2	1	1	99·55	100·00
16	In the 9 Rural circles, Local Fund ...	231	99	95	99·91	72·79
	Total ...	1,002	321	259	99·87	48·20

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000
18	19	20	21	22	23	24
24·28	13·10	50·00	428	25·38	4	·24
28·14	24·62	.....	365	29·95	1	·08
22·39	35·87	42·37	296	11·64	5	·21
25·93	22·15	55·17	25,915	25·33	508	·49
2·38	.....	66·67				
23·12	22·33	50·86	28,939	26·89	512	·48
32·05	15·16	37·50	868	28·36	72	2·33
33·15	7·10	33·33	380	27·45	5	·36
25·78	25·71	43·97	15,040	25·18	354	·59
1·83	8·76	32·33				
.....	0·00	0·00	987	.....	.....	.....
29·54	23·90	.....	17,833	27·79	431	·68
30·93	14·34	46·25	1,234	28·86	16	·37
36·59	8·63	.....	493	8·54	13	·23
34·49	27·03	4·61	660	27·83	77	3·25
5·53	17·60	.....	178	9·47	1	·05
36·32	22·49	48·90	21,383	29·15	210	·29
30·29	22·04	34·51	23,925	28·74	317	·38
41·08	·97	21·20	889	39·26	8	·13
24·85	10·84	50·00	394	22·10	13	·73
26·40	12·63	41·12	18,369	25·53	196	·27
26·80	12·22	25·84	19,673	25·89	212	·28

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	WESTERN REGISTRATION DISTRICT —*contd.*			
	BOMBAY SUBURBAN DISTRICT—			
17	Bandra Town (Municipal)	20,271	...	1
18	Kurla do. (do.)	26,059	...	1
19	Santacruz Cantonment	6,953	...	...
20	In the 2 Rural circles, Local Fund ...	91,943	...	2
	Total ...	154,226	...	4
	KOLABA COLLECTORATE—			
21	Panwel Town (Local Fund)	8,625	47	...
22	Alibag do. (do.)	5,274	89	...
23	Mahad do. (do.)	7,192	7,164	...
24	In the 8 Rural circles, Local Fund ...	541,851	249	14
	Total ...	562,942	252	14
	NATIVE STATES—			
25	Jawhar	49,662	161	1
26	Surgana	14,912	41	1
	Total ...	64,574	153	2
	TOTAL BY ESTABLISHMENT IN WESTERN REGISTRATION DISTRICT.			
	Local Fund	3,728,151	172	79
	Municipal	273,451	...	13
	Cantonment	25,742	...	...
	Native States	64,574	153	2
	Dispensary	.....	.....	S. M. S. 1
	Total ...	4,091,918	182	94 S. M. S. 1

No. I—*contd.*

Total number of persons vaccinated.				Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
					Total.	Successful.			Unknown.
						Under one year.	One and under six years.	Total of all ages.	
Males.		Females.	Total.	7	8	9	10	11	12
P.	377	411	788	1041	788	518	216	745	39
R.	101	152	253						
P.	489	546	1,035	1,111	1,035	511	72	629	406
R.	9	67	76						
P.	4	.....	4	326	4	2	1	4	...
R.	322	.....	322						
P.	1,503	1,472	2,975	1,535	2,975	1,623	728	2,376	597
R.	39	56	95						
P.	2,373	2,429	4,802	1,387	4,802	2,654	1,017	3,754	1,042
R.	471	275	746						
P.	91	91	182	182	182	78	57	135	47
R.	.....	.....	...						
P.	62	63	125	130	125	63	46	110	15
R.	5	... ...	5						
P.	43	48	91	91	91	44	30	75	16
R.	.....	.....	...						
P.	8,938	8,568	17,506	1,260	17,506	10,750	3,729	14,517	2,965
R.	94	37	131						
P.	9,134	8,770	17,904	1,289	17,904	10,935	3,862	14,837	3,043
R.	99	37	136						
P.	748	756	1,504	1,504	1,504	1,097	205	1,302	202
R.	.....	.....	...						
P.	236	219	455	476	455	179	120	299	156
R.	21	.....	21						
P.	984	975	1,959	990	1,959	1,276	325	1,601	358
R.	21	... ..	21						
P.	63,933	62,536	126,469	1,626	126,472	79,377	20,527	100,449	25,816
R.	1,407	536	1,943						
P.	7,017	6,747	13,764	1,213	13,764	8,170	2,652	10,824	2,889
R.	1,540	463	2,003						
P.	72	57	129	727	129	64	43	107	22
R.	518	50	568						
P.	984	975	1,959	990	1,959	1,276	325	1,601	358
R.	21	.....	21						
P.	6	6	12	1,034	12	1	11	12	...
R.	969	53	1,022						
P.	72,012	70,321	142,333	1,567	142,336	88,888	23,457	112,993	29,085
R.	4,455	1,102	5,587						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	WESTERN REGISTRATION DISTRICT —*contd.*					
	BOMBAY SUBURBAN DISTRICT—					
17	Bandra Town (Municipal)	253	84	7	99·46	34·14
18	Kurla do. (do.)	76	46	30	100·00	100·00
19	Santacruz Cantonment	322	200	...	100·00	62·10
20	In the 2 Rural circles, Local Fund ...	95	28	52	99·91	59·57
	Total ...	746	358	89	99·84	41·77
	KOLABA COLLECTORATE—					
21	Panwel Town (Local Fund)	...	...	...	100·00	...
22	Alibag do. (do.)	5	2	3	100·00	100·00
23	Mahad do. (do.)	...	...	...	100·00	...
24	In the 8 Rural circles, Local Fund ...	131	57	52	99·84	72·15
	Total ...	136	59	55	99·83	72·84
	NATIVE STATES—					
25	Jawhar	...	...	...	100·00	...
26	Surgana	21	4	16	100·00	80·00
	Total ...	21	4	16	100·00	80·00
	TOTAL BY ESTABLISHMENT IN WESTERN REGISTRATION DISTRICT.					
	Local Fund	1,943	590	952	99·79	59·54
	Municipal	2,003	602	526	99·53	40·76
	Cantonment	598	201	...	100·00	33·61
	Native States	21	4	16	100·00	80·00
	Dispensary	1,022	1,022	...	100·00	100·00
	Total ...	5,587	2,419	1,494	99·77	59·10

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
28·32	4·94	2·77	1,182	40·38	7	·24
25·90	64·54	29·47	1,056	40·52	5	·19
29·34	...	...	425	61·12	...	...
26·15	20·07	54·73	2,754	29·95	14	·15
26·66	21·70	11·93	5,417	35·01	26	·17
15·65	25·82	...	118	13·67	7	·81
21·23	12·00	60·00	129	24·46	5	·95
10·43	17·58	...	146	20·31	8	1·11
26·89	16·93	39·69	14,403	26·58	190	·35
26·46	16·99	40·44	14,795	26·28	210	·37
26·22	13·43	...	1,376	27·71	...	...
20·32	34·23	76·24	367	24·61	...	...
24·85	18·27	76·24	1,743	26·99	...	...
27·20	20·41	49·00	96,858	26·98	1,478	·89
41·78	20·99	26·26	11,376	41·60	203	·74
11·96	17·05	...	603	23·29	1	·14
24·85	18·27	76·26	1,743	26·99	...	...
.....	.....	.....	987	.....	.....	.....
28·20	32·72	26·74	111,567	27·25	16·83	·41

STATEMENT

No.	Circles and Districts	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
27	BOMBAY CITY	1,175,914	52,146	9
	His Majesty's Common Jail	.....	.....	.....
	His Majesty's House of Correction ...	.....	.....	.....
	Local Medical Practitioners	.....	.....	.....
	Total ...	1,175,914	52,146	9
	CENTRAL REGISTRATION DISTRICT.			
	AHMEDNAGAR COLLECTORATE—			
28	Ahmednagar Town (Municipal) ...	34,358	11,292	1
29	Ahmednagar Cantonment	10,997	1,648	.....
30	Sangamner Town (Local Fund) ...	12,737	23,781	.....
31	In the 12 Rural Circles (Local Fund) ...	682,986	134	17
	Total ...	741,088	125	18
	POONA COLLECTORATE—			
32	Poona City (Municipal)	133,227	23,451	2
33	Poona and Kirkee Cantonments ...	41,032	3,392	2
34	Junnar Town (Local Fund) ...	7,381	.....	.....
35	Baramati do. (do.)	11,905	.....	.....
36	Khed do. (do.)	7,013	.....	.....
37	Lonavla do. (do.)	6,337	.....	.....
38	In the 11 Rural Circles { Local Fund ... / Municipal ... }	791,659	165	15
39	Yeravda Central Prison	.....	.....	Medical Officer. 1
	Total ...	998,594	184	19 / Medical Officer. 1
	SHOLAPUR COLLECTORATE—			
40	Sholapur Town (Municipal) ...	119,347	12,269	2
41	Barsi do. (do.) ...	22,074	1,170	1
42	Pandharpur do. (do.) ...	25,210	47,583	1
43	In the 7 Rural Circles { Local Fund ... / Municipal ... }	576,606	146	11
	Total ...	742,237	163	15

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 9,824	10,121	19,945	4,989	19,945	12,588	5,635	18,357	1,463
R. 20,171	4,785	24,956						
.....	.....	...	...	...	...	...	...	...
.....	.....	...	.....	...	...	...	...	...
P. 16	4	20	1,162	20	13	2	20	...
R 1,085	57	1,142						
P. 9,840	10,125	19,965	5,118	10,965	12,601	5,637	18,375	1,463
R. 21,256	4,842	26,098						
P. 1,021	908	1,929	2,979	1,929	1,021	489	1,551	375
R. 883	167	1,050						
P. 223	165	388	1,642	388	221	38	259	198
R. 934	320	1,254						
P. 201	189	390	397	390	208	109	324	66
R. 3	4	7						
P. 12,112	12,072	24,184	1,502	24,184	16,964	3,725	20,771	3,402
R. 1,001	346	1,347						
P. 13,557	13,334	26,891	1,697	26,891	18,414	4,361	22,905	3,971
R. 2,821	837	3,658						
P. 2,024	1,993	4,017	2,190	4,017	2,876	735	3,642	372
R. 125	98	223						
P. 567	568	1,135	1,126	1,135	836	166	1,002	132
R. 973	144	1,117						
P. 114	103	217	224	217	111	94	207	9
R. 7	...	7						
P. 197	206	403	413	403	303	52	355	48
R. 9	1	10						
P. 72	65	137	145	137	88	37	125	12
R. 8	.....	8						
P. 106	81	187	189	187	106	75	183	4
R. 1	1	2						
P. 11,399	11,371	22,770	1,572	22,770	15,013	4,616	19,717	3,050
R. 717	93	810						
P. 151	140	291	974	291	169	44	217	72
R. 347	336	683						
P. 83	27	110	2,203	110	22	9	35	11
R. 1,794	299	2,093						
P. 14,713	14,554	29,267	1,711	29,267	19,524	5,808	25,483	3,710
R. 3,981	972	4,953						
P. 2,915	2,764	5,679	2,945	5,679	2,653	1,771	4,484	1,179
R. 92	118	210						
P. 422	403	825	837	825	381	317	718	105
R. 6	6	12						
P. 653	638	1,291	1,303	1,291	623	227	854	437
R. 10	1	11						
P. 8,801	8,715	17,516	1,732	17,516	11,207	3,801	15,050	2,441
R. 199	11	210						
P. 684	634	1,318		1,318	801	359	1,160	149
R. 4	.....	4						
P. 13,475	13,154	26,629	1,905	26,62	15,665	6,468	22,966	4,811
R. 311	136	447						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
27	BOMBAY CITY	24,956	109	24,847	99·32	100·00
	His Majesty's Common Jail	...	...	...	...	...
	His Majesty's House of Correction ...	...	...	...	...	...
	Local Medical Practitioners	1,142	290	852	100·00	100·00
	Total ...	26,098	399	25,699	99·31	100·00
	CENTRAL REGISTRATION DISTRICT.					
	AHMEDNAGAR COLLECTORATE—					
28	Ahmednagar Town (Municipal)	1,060	245	668	99·81	62·50
29	Ahmednagar Cantonment	1,254	222	806	99·62	49·55
30	Sangamner Town (Local Fund)	7	3	2	100·00	60·00
31	In the 12 Rural Circles (Local Fund) ...	1,347	435	381	99·95	45·03
	Total ...	3,658	905	1,847	99·93	49·97
	POONA COLLECTORATE—					
32	Poona City (Municipal)	223	11	194	99·92	37·93
33	Poona and Kirkee Cantonments ...	1,117	259	542	99·90	45·04
34	Junnar Town (Local Fund)	7	1	5	99·52	50·00
35	Baramati do. (do.)	10	10	...	100·00	100·00
36	Khed do. (do.)	8	2	1	100·00	28·57
37	Lonavla do. (do.)	2	1	...	100·00	50·00
38	In the 11 Rural Circles { Local Fund ...	810	375	216	99·98	63·18
	{ Municipal ...	688	112	314	99·09	30·35
39	Yeravda Central Prison	2,093	89	125	35·35	4·52
	Total ...	4,953	860	1,397	99·71	24·18
	SHOLAPUR COLLECTORATE—					
40	Sholapur Town (Municipal)	210	59	73	99·64	43·07
41	Barsi do. (do.)	12	10	2	99·72	100·00
42	Pandharpur do. (do.)	11	4	5	100·00	66·67
43	In the 7 Rural Circles { Local Fund ...	210	86	94	99·83	74·14
	{ Municipal ...	4	...	4	99·23	...
	Total ...	447	159	178	99·77	59·11

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
15·70	7·34	99·55	17,682	15·04	627	·53
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	74·61	9	.....	.....	.....
15·97	7·33	98·47	17,691	15·04	627	·53
52·27	19·44	62·67	1,118	32·54	3	·09
43·74	32·99	64·27	524	47·65	.....	.....
26·94	16·92	23·57	269	21·12	.....	.....
31·05	14·07	28·28	19,369	28·36	64	·09
32·13	14·77	50·49	21,250	28·71	67	·09
27·42	9·26	87·00	3,903	29·30	186	1·39
30·73	11·63	48·52	1,504	36·65	3	·07
25·18	4·15	71·43	216	29·26	7	·95
30·65	11·91	.....	373	31·33	2	·17
18·11	8·76	12·50	81	11·55	1	·14
29·04	2·14	.....	142	22·41	7	1·10
27·59	13·39	26·67	19,995	23·99	107	·15
	24·74	45·97				
.....	10·08	5·97	216	.....	.....	.....
26·38	12·68	28·20	26,430	26·47	313	·31
38·07	20·76	34·76	2,842	23·81	101	·80
32·98	12·73	16·67	698	31·62	22	1·00
34·03	33·85	45·45	599	23·76	13	·52
28·31	13·94	44·76	15,927	27·67	53	·09
	11·31	100·00				
30·21	16·19	30·82	20,066	27·03	189	0·25

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	CENTRAL REGISTRATION DISTRICT—*contd.*			
	SATARA COLLECTORATE—			
44	Satara Town (Municipal)	20,045	7,485	1
45	Wai do. (Local Fund)	10,211	4,266	.....
46	Karad do. (do.)	10,243	6,381	.....
47	Ashta do. (do.)	2,021	.....	.....
48	Islampur do. (do.).	7,916	.....	.....
49	In the 14 Rural Circles { Local Fund ... / Municipal ... }	967,974	213	19
	Total ...	1,025,410	209	20
	RATNAGIRI COLLECTORATE—			
50	Ratnagiri Town (Local Fund)	14,600	2,643	.....
51	Chiplun do. (do.)	11,005	.....	.....
52	Malwan do. (do.)	22,215	.....	.....
53	Vengurla do. (do.)	19,126	5,764	.....
54	In the 11 Rural Circles (Local Fund) ...	1,128,270	286	21
	Total ...	1,195,216	289	21
	TOTAL BY ESTABLISHMENT IN CENTRAL REGISTRATION DISTRICT.			
	Local Fund	4,201,029	185	83
	Municipal	449,467	7,979	8
	Cantonment	52,009	2,752	12
	Dispensary	.....	.....	Medical Officer. 1
	Total ...	4,702,505	.....	93 Medical Officer. 1

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 363	345	708	721	708	380	265	659	49
R. 6	7	13						
P. 180	199	379	426	379	235	132	377	2
R. 26	21	47						
P. 192	183	375	378	375	255	71	361	14
R. 3	...	3						
P. 138	118	256	256	256	222	19	241	12
R. ...	...	...						
P. 190	140	330	380	330	221	49	274	56
R. 44	6	50						
P. 15,679	15,021	30,700	.....	30,700	24,040	3,946	28,175	2,522
R. 754	94	848						
P. 42	47	89	1,669	89	51	30	81	8
R. 48	27	75						
P. 16,784	16,063	32,837	1,694	32,837	25,434	4,512	30,168	2,663
R. 881	155	1,036						
P. 564	469	1,033	2,635	1,033	371	482	1,008	25
R. 1,247	355	1,602						
P. 156	114	270	270	270	153	94	248	22
R. ...	...	...						
P. 307	248	555	663	555	253	167	542	13
R. 66	42	108						
P. 82	82	164	234	164	101	57	158	6
R. 38	32	70						
P. 16,625	15,407	32,032	1,563	32,032	20,795	8,230	29,659	2,364
R. 520	264	784						
P. 17,724	16,320	34,054	1,744	34,054	21,673	9,030	31,615	2,430
R. 1,871	693	2,564						
P. 67,115	64,783	131,898	1,660	131,898	90,676	25,756	117 775	14,068
R. 4,644	1,270	5,913						
P. 8,275	7,872	16,147	2,304	16,147	8,956	4,220	13,366	2,746
R. 1,521	760	2,281						
P. 790	733	1,523	1,947	1,523	1,057	194	1,261	260
R. 1,907	464	2,371						
P. 83	27	110	2,203	110	22	9	35	11
R. 1,794	299	2,093						
P. 76,263	73,415	149,678	1,727	149,678	100,710	30,179	132,497	17,085
R. 9,865	2,793	12,658						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	CENTRAL REGISTRATION DISTRICT—*contd.*					
	SATARA COLLECTORATE—					
44	Satara Town (Municipal)	13	1	2	100·00	9·09
45	Wai do. (Local Fund)	47	13	2	100·00	28·89
46	Karad do. (do.)	3	1	2	100·00	100·00
47	Ashta do. (do.)	...	...	...	98·77	...
48	Islampur do. (do.)	50	37	13	100·00	100·00
49	In the 14 Rural Circles { Local Fund ...	848	358	203	99·99	55·94
	{ Municipal ...	75	11	4	100·00	15·49
	Total ...	1,036	421	231	99·98	52·30
	RATNAGIRI COLLECTORATE—					
50	Ratnagiri Town (Local Fund)	1,602	788	484	100·00	7·87
51	Chiplun do. (do.)	...	...	...	100·00	...
52	Malwan do. (do.)	108	102	6	100·00	100·00
53	Vengurla do. (do.)	70	28	13	100·00	49·12
54	In the 11 Rural Circles (Local Fund) ...	784	339	257	99·97	64·33
	Total ...	2,564	1,257	760	99·97	69·68
	TOTAL BY ESTABLISHMENT IN CENTRAL REGISTRATION DISTRICT.					
	Local Fund	5,913	2,579	1,684	99·95	60·98
	Municipal	2,281	453	1,256	99·74	44·20
	Cantonment	2,371	481	1,348	99·84	47·02
	Dispensary	2,093	39	125	85·85	4·52
	Total ...	12,658	3,552	4,413	99·88	43·08

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-*pox* during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
32·37	6·02	15·38	625	31·18	12	·60
38·19	0·53	4·26	342	33·49	4	·39
35·34	3·73	66·67	310	30·26	1	·10
26·72	4·69	.....	220	24·38	...	...
39·29	16·97	26·00	248	31·33	3	·38
29·57	8·21	24·53	27,549	28·46	98	·10
	8·99	5·33				
29·83	8·11	22·30	29,295	28·57	117	·11
123·01	2·42	30·21	316	21·64	6	·41
22·53	8·15	.....	236	21·44	7	·69
28·92	2·34	5·56	404	18·19	5	·23
97·35	3·66	18·57	282	14·74	2	·10
26·59	7·38	32·78	31,517	27·93	303	·27
27·50	7·14	29·64	32,755	27·41	324	·27
28·65	10·67	28·48	115,607	27·52	683	·16
30·75	17·01	55·06	11,579	25·76	547	1·22
33·49	17·07	56·85	1,535	29·51	10	·19
10·00	10·00	5·97	216	.....	.....	.....
28·92	11·41	34·86	128,937	27·42	1,240	·26

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SOUTHERN REGISTRATION DISTRICT.			
	BELGAUM COLLECTORATE—			
55	Gokak Town (Municipal)	9,989	18,184	...
56	Athni do. (do.)	13,538	15,052	...
57	Belgaum do. (do.)	36,219	69,691	1
58	Do. Cantonment ...	6,889	3,369	S. A. S. 1
59	In the 8 Rural circles (Local Fund) ...	883,101	190	17
60	Hindalgi Central Prison	.....	.....	.....
	Total ...	949,736	4,611	18 S. A. S. 1
	DHARWAR COLLECTORATE—			
61	Dharwar Town (Municipal) ...	34,327	25,839	1
62	Hubli do. (do.) ...	69,140	52,067	1
63	Gadag Betgeri do. (do.) ...	41,158	103,675	1
64	Ranebennur do. (Local Fund) ...	13,930	29,543	...
65	In the 13 Rural circles (do.) ...	877,654	194	19
	Total ...	1,036,209	4,606	22
	BIJAPUR COLLECTORATE—			
66	Bijapur Town (Municipal)	32,471	129	1
67	Bagalkot do. (do.)	19,471	393	1
68	In the 8 Rural circles (Local Fund) ...	744,414	42	16
69	Bijapur Prison	.....	.....	.....
	Total ...	796,356	5,707	18

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 130	133	263	469	263	175	69	249	13
R. 163	43	206						
P. 192	190	382	587	382	278	74	358	23
R. 107	98	205						
P. 570	600	1,170	1,334	1,170	770	363	1,145	24
R. 105	59	164						
P. 96	139	235	284	235	121	99	235	...
R. 19	30	49						
P. 14,825	14,179	29,004	2,253	29,004	22,312	5,268	27,826	1,150
R. 8,190	1,113	9,303						
P.	.....	...	279	...	...	...	...	...
R. 279	.....	279						
P. 15,813	14,241	31,054	2,172	31,054	23,656	5,873	29,813	1,210
R. 8,863	1,343	10,206						
P. 598	630	1,228	1,671	1,228	1,084	143	1,228	...
R. 425	18	443						
P. 1,413	1,423	2,836	3,006	2,836	2,373	394	2,794	42
R. 111	59	170						
P. 744	719	1,463	2,055	1,463	1,171	200	1,381	81
R. 463	129	592						
P. 228	230	458	640	458	302	130	437	21
R. 149	33	182						
P. 12,699	12,462	25,161	1,874	25,161	18,349	5,269	23,643	1,292
R. 9,420	1,020	10,440						
P. 15,682	15,464	31,146	1,953	31,146	23,279	6,136	29,683	1,436
R. 10,568	1,259	11,827						
P. 545	535	1,080	1,801	1,080	811	240	1,076	4
R. 679	42	721						
P. 313	358	671	954	671	438	98	538	133
R. 283	.....	283						
P. 12,505	12,332	24,837	2,135	24,837	18,008	6,067	24,209	595
R. 8,790	534	9,324						
P. 4	6	10	743	10	2	8	10	...
R. 733	.....	733						
P. 13,367	13,231	26,598	2,092	26,598	19,259	6,413	25,833	732
R. 10,485	576	11,061						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination
1	2	13	14	15	16	17
	SOUTHERN REGISTRATION DISTRICT.					
	BELGAUM COLLECTORATE—					
55	Gokak Town (Municipal)	206	50	59	99·60	34·01
56	Athni do. (do.)	205	41	31	99·72	23·56
57	Belgaum do. (do.)	164	52	33	99·91	39·69
58	Do. Cantonment	49	49	...	100·00	100·00
59	In the 8 Rural circles (Local Fund) ...	9,303	2,285	2,039	99·90	31·46
60	Hindalgi Central Prison	279	257	...	...	92·11
	Total ...	10,206	2,734	2,162	99·90	33·99
	DHARWAR COLLECTORATE—					
61	Dharwar Town (Municipal)	443	170	3	100·00	38·64
62	Hubli do. (do.)	170	17	59	100·00	15·32
63	Gadag Betgeri do. (do.)	592	274	161	99·93	63·57
64	Ranebennur do. (Local Fund) ...	182	1	92	100·00	1·11
65	In the 13 Rural circles (do.) ...	10,440	1,757	3,330	99·89	24·71
	Total ...	11,827	2,219	3,645	99·91	27·12
	BIJAPUR COLLECTORATE—					
66	Bijapur Town (Municipal)	721	274	21	100·00	39·14
67	Bagalkot do. (do.)	283	68	73	100·00	32·38
68	In the 8 Rural circles (Local Fund) ...	9,324	2,501	2,543	99·86	36·88
69	Bijapur Prison	733	369	11	100·00	51·11
	Total ...	11,061	3,212	2,648	99·87	36·18

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
29·93	4·94	28·64	382	38·24	2	·20
29·47	6·02	15·12	388	28·66	1	·07
33·05	2·05	20·12	1,429	39·56	12	·33
41·23	...	...	321	46·59	2	·29
34·10	3·97	21·92	30,346	34·36	88	·07
.....	.....	.....	336	.....	.....	.....
34·27	3·90	21·18	33,309	34·96	105	·11
40·73	.....	0·68	1,478	43·06	1	·03
40·66	1·48	34·71	2,697	39·01	1	·01
40·22	5·54	2·72	1,636	39·75	9	·22
31·44	4·59	50·55	488	37·26	1	·07
29·17	5·13	31·90	25,657	29·23	54	·06
30·79	4·61	30·82	31,956	30·84	66	·06
41·58	·37	2·91	1,489	45·85	6	·17
31·12	19·82	25·80	668	34·31	...	...
35·88	2·40	27·27	27,543	37·01	52	·07
.....	.....	1·50	451	.....	.....	.....
36·47	2·75	23·94	30,151	37·86	58	·07

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SOUTHERN REGISTRATION DISTRICT—*contd.*			
	KANARA COLLECTORATE—			
70	Karwar Town (Municipal)	14,463	1,533	1
71	Kumtha Town (Local Fund)	14,291	1,407	.....
72	In the 11 Rural circles (Local Fund) ...	372,722	102	15
	Total ...	401,476	3,946	16
	BIJAPUR AGENCY—			
73	Jath and Daflapur	82,654	84	2
	DHARWAR AGENCY—			
74	Savanur State	16,330	240	1
	TOTAL BY ESTABLISHMENT IN THE SOUTHERN REGISTRATION DISTRICT—			
	Municipal ...	270,776	...	7
	Cantonment	6,889	8,369	S. A. S.
	Local Funds	2,906,112	...	67
	Native States	99,484	...	3
	Dispensary	.....	.....	.....
	Total ...	3,283,261	...	77
	GUJARAT REGISTRATION DISTRICT.			
	SURAT COLLECTORATE—			
75	Surat City (Municipal)	117,434	39,144	2
76	Rander Town (Local Fund)	10,547	19,531	.....
77	Bulsar do. (do.)	19,822	7,929	.....
78	In the 9 Rural circles (Local Fund) ...	526,548	321	11
79	Surat Dispensary	.....	.....	.....
80	Mission Hospital, Bulsar	.....	.....	.....
	Total ...	674,351	41	13

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 231	188	419	554	419	62	315	411	8
R. 124	11	135						
P. 335	162	497	730	497	143	327	497	...
R. 192	41	233						
P. 5,743	4,446	10,189	963	10,189	3,272	5,426	10,016	171
R. 2,996	1,256	4,252						
P. 6,309	4,796	11,105	983	11,105	3,477	6,068	10,924	179
R. 3,312	1,308	4,620						
P. 1,090	1,006	2,096	1,569	2,096	1,215	878	2,093	3
R. 981	62	1,043						
P. 401	419	820	1,062	820	647	98	761	59
R. 139	103	242						
P. 4,736	4,776	9,512	1,776	9,512	7,162	1,896	9,180	328
R. 2,460	459	2,919						
P. 96	139	235	284	235	121	99	235	...
R. 19	30	49						
P. 46,335	43,811	90,146	1,849	90,146	62,386	22,487	86,828	3,229
R. 29,737	3,997	33,734						
P. 1,491	1,425	2,916	1,400	2,916	1,862	976	2,854	62
R. 1,120	165	1,285						
P. 4	6	10	1,022	10	2	8	10	...
R. 1,012	.....	1,012						
P. 52,662	50,157	102,819	1,842	102,819	71,533	25,466	99,107	3,619
R. 34,348	4,651	38,999						
P. 1,318	1,157	2,475	1,266	2,475	1,537	464	2,005	445
R. 34	24	58						
P. 86	84	170	232	170	61	49	114	56
R. 56	6	62						
P. 202	174	376	406	376	161	164	339	37
R. 19	11	30						
P. 7,942	7,709	15,651	1,508	15,651	9,588	4,056	13,720	1,911
R. 709	228	937						
.....	.....	...	.....	...	...	...	...	...
P. 5	3	8	41	8	7	1	8	...
R. 13	21	33						
P. 9,553	9,127	18,680	1,523	18,680	11,354	4,734	16,186	2,449
R. 830	290	1,120						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SOUTHERN REGISTRATION DISTRICT—*contd.*					
	KANARA COLLECTORATE—					
70	Karwar Town (Municipal)	135	59	11	100·00	47·58
71	Kumtha Town (Local Fund)	233	61	169	100·00	95·31
72	In the 11 Rural circles (Local Fund) ...	4,252	1,855	1,510	99·98	67·65
	Total ...	4,620	1,975	1,690	99·98	67·41
	BIJAPUR AGENCY—					
73	Jath and Daflapur	1,043	55	406	100·00	8·63
	DHARWAR AGENCY—					
74	Savanur State	242	161	50	100·00	83·85
	TOTAL BY ESTABLISHMENT IN THE SOUTHERN REGISTRATION DISTRICT—					
	Municipal	2,919	1,005	451	99·92	40·72
	Cantonment	49	49	...	100·00	100·00
	Local Funds	33,784	8,460	9,683	99·90	35·18
	Native States	1,285	216	456	100·00	26·05
	Dispensary	1,012	636	11	100·00	62·53
	Total ...	39,999	10,356	10,601	99·91	36·47
	GUJARAT REGISTRATION DISTRICT.					
	SURAT COLLECTORATE—					
75	Surat City (Municipal)	58	8	22	98·77	8·33
76	Rander Town (Local Fund)	62	20	20	100·00	47·62
77	Bulsar do. (do.)	80	13	5	100·00	52·00
78	In the 9 Rural circles (Local Fund) ...	937	276	253	99·59	40·35
79	Surat Dispensary	...	...	...	...	...
80	Mission Hospital, Bulsar	33	6	...	100·00	18·18
	Total ...	1,120	313	300	99·72	36·59

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
32·49	1·91	8·15	555	37·16	9	·61
39·05	.....	72·53	1,021	71·44	3	·21
31·85	1·68	35·51	14,015	37·60	108	·26
32·13	1·61	36·58	15,591	38·83	120	·30
25·99	0·14	38·93	2,380	28·79	.....	.....
54·78	7·20	20·66	667	51·51	.....	.....
30·72	3·44	34·43	10,185	37·61	41	·15
41·23	.. ...	.....	321	46·59	2	·29
32·79	3·58	28·70	99,070	30·99	302	·10
33·27	21·26	35·49	3,247	32·64	.....	.....
.....	.....	1·08	787	.....	.....	.....
33·34	3·52	27·18	113,610	34·60	345	·11
17·10	17·98	37·93	3,208	27·32	271	2·31
12·75	32·94	32·96	202	19·15	15	1·42
18·26	9·84	16·66	429	21·64	2	·10
26·58	12·21	27·00	14,182	26·93	89	·17
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	12	.....	.....	.....
21·60	13·11	26·78	18,033	26·74	377	56

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	GUJARAT REGISTRATION DISTRICT—*contd.*			
	BROACH COLLECTORATE—			
81	Broach City (Municipal)	42,648	25,326	1
82	Jambusar Town (Local Fund)	10,217	18,917	...
83	Ankleshwar do. (do.)	11,762	3,079	...
84	In the 6 Rural circles (Local Fund) ...	243,118	166	5
	Total ...	307,745	210	6
	KAIRA COLLECTORATE—			
85	Kaira Town (Local Fund)... ...	8,277	29,561	...
86	Mehmedabad Town (do.)... ...	6,238	51,933	...
87	Nadiad Town (Municipal)	31,939	96,785	1
88	Borsad do. (Local Fund)	12,116	63,768	...
89	Anand do. (do.)	11,054	10,732	...
90	Umreth do. (do.)	14,024	182	...
91	Dakore do. (do.)	7,990	1,336	...
92	Kapadvanj Town (do.)	14,794	64,322	...
93	In the 7 Rural circles (Local Fund) ...	604,550	383	10
	Total ...	710,982	445	11
	PANCH MAHALS COLLECTORATE—			
94	Godhra Town (Local Fund)	26,979	158,700	...
95	Dohad do. (do.)	16,076	94,565	...
96	In the 5 Rural circles (Local Fund) ...	331,805	207	7
	Total ...	374,860	23	

No. I—*contd.*

	Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
					Total.	Successful.			Unknown.
						Under one year.	One and under six years.	Total of all ages.	
	6			7	8	9	10	11	12
	Males.	Females.	Total.						
P.	702	668	1,370	1,384	1,370	994	210	1,205	160
R.	11	3	14						
P.	126	119	245	246	245	150	67	217	27
R.	1	.....	1						
P.	170	153	323	363	323	210	74	286	37
R.	33	7	40						
P.	3,885	3,771	7,656	1,573	7,656	5,265	1,526	6,797	849
R.	142	68	210						
P.	4,883	4,711	9,594	1,643	9,594	6,619	1,877	8,505	1,073
R.	187	78	265						
P.	107	88	195	196	195	136	44	181	14
R.	1	.....	1						
P.	71	83	154	156	154	113	34	147	7
R.	2	.....	2						
P.	508	465	973	1,000	973	617	198	816	155
R.	12	15	27						
P.	249	202	451	452	451	337	87	424	26
R.	.....	1	1						
P.	149	140	289	299	289	203	59	262	27
R.	10	.....	10						
P.	201	219	420	421	421	268	142	413	7
R.	1	.....	1						
P.	67	64	131	151	131	89	25	116	15
R.	20	.....	20						
P.	200	208	408	409	408	303	90	393	15
R.	1	.....	1						
P.	9,898	8,834	18,732	1,896	18,739	13,578	3,619	17,237	1,446
R.	172	56	228						
P.	115,450	10,303	21,753	2,004	21,761	15,644	4,298	19,989	1,712
R.	219	72	291						
P.	492	519	1,011	1,093	1,011	715	181	897	108
R.	56	26	82						
P.	203	198	401	446	401	299	70	369	32
R.	42	3	45						
P.	5,421	5,099	10,520	1,526	10,520	7,442	1,964	9,413	1,058
R.	100	67	167						
P.	6,116	5,816	11,932	1,746	11,932	8,456	2,215	10,679	1,198
R.	198	96	294						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	GUJARAT REGISTRATION DISTRICT—*contd.*					
	BROACH COLLECTORATE—					
81	Broach City (Municipal)	14	8	2	99·59	66·66
82	Jambusar Town (Local Fund)	1	...	1	99·54	...
83	Ankleshwar do. (do.)	40	2	14	100·00	7·69
84	In the 6 Rural circles (Local Fund) ...	210	84	46	99·85	51·22
	Total ...	265	94	63	99·81	46·58
	KAIRA COLLECTORATE—					
85	Kaira Town (Local Fund) ...	1	...	...	100·00	...
86	Mehmedabad Town (do.) ...	2	...	1	100·00	...
87	Nadiad Town (Municipal)	28	2	21	99·76	28·57
88	Borsad do. (Local Fund)	1	1	...	99·76	100·00
89	Anand do. (do.)	10	3	4	100·00	50·00
90	Umreth do. (do.)	1	...	...	99·76	...
91	Dakore do. (do.)	20	7	6	100·00	50·00
92	Kapadvanj Town (do.)	1	1	...	100·00	100·00
93	In the 7 Rural circles (Local Fund) ...	228	81	43	99·68	43·78
	Total ...	292	95	75	99·70	43·78
	PANCH MAHALS COLLECTORATE—					
94	Godhra Town (Local Fund)	82	29	15	99·34	43·28
95	Dohad do. (do.)	45	5	6	100·00	12·82
96	In the 5 Rural circles (Local Fund) ...	167	42	25	99·48	29·58
	Total ...	294	76	46	99·58	30·64

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
28·44	11·68	14·29	1,212	28·42	2	·05
21·24	11·02	100·00	262	25·64	...	...
24·49	11·45	35·00	327	27·80	...	...
28·30	11·09	21·90	6,530	26·86	83	·34
27·04	11·18	23·77	833	27·07	85	·28
21·87	7·18	.....	233	28·15	...	.....
23·57	4·55	50·00	185	29·66	1	·16
25·61	15·93	75·00	843	26·39	21	·66
35·08	5·76	.....	411	33·92	1	·08
23·97	9·34	40·00	336	30·40	3	·27
29·45	1·66	.....	389	27·74	2	·14
15·39	11·45	30·00	120	15·02	5	·63
26·63	3·67	.....	436	29·47	10	·69
28·65	7·72	18·86	17,250	28·53	29	·05
28·25	7·87	25·68	20,203	28·42	72	·10
34·32	10·68	18·29	769	29·24	4	·15
23·26	7·98	13·33	337	20·66	1	·06
28·50	10·06	14·97	9,734	29·34	25	·08
28·69	10·04	15·65	10,860	29·07	30	·08

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	GUJARAT REGISTRATION DISTRICT—*concld.*			
	AHMEDABAD COLLECTORATE—			
97	Ahmedabad City (Municipal)	270,775	41,658	4
98	Dhandhuka Town (Local Fund)... ...	8,056	40,280	.....
99	Viramgam do. (do.)... ...	26,262	43,052	.....
100	Dholka do. (do.)... ...	12,513	16,684	.....
101	Ahmedabad Cantonment	3,232	1,103	.....
102	In the 8 Rural circles (Local Fund) ...	570,073	150	12
103	Ahmedabad Central Prison	.....	.....	.....
104	Sabarmati Railway Dispensary	.....	.....	.....
105	Sadar Bazar Dispensary	.....	.....	.....
	Total ...	890,911	233	16
	NATIVE STATES—			
106	Rewa Kantha Agency	753,058	152	16
107	Mahi Kantha Agency	224,127	138	4
108	Dangs (Local Fund)	24,481	25	1
109	Jambughoda (Local Fund)	9,540	65	.....
110	Sadra Dispensary	.....	.....	.....
	TOTAL BY ESTABLISHMENT IN THE GUJARAT REGISTRATION DISTRICT.			
	Municipal	679,523	59,038	8
	Local Fund	2,330,092	206	46
	Native States	977,185	.....	20
	Cantonment	3,232	1,103	.....
	Dispensaries	.....	.....	.....
	Total ...	3,990,032	.....	74

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 4,239	4,192	8,431	2,119	8,443	7,231	840	8,072	354
R. 38	8	46						
P. 216	193	409	426	409	229	117	348	58
R. 16	1	17						
P. 272	263	535	570	535	303	173	479	50
R. 25	10	35						
P. 219	191	410	411	410	296	82	378	31
R. ...	1	1						
P. ...	...	...	...	...	...	...	...	...
R. ...	...	...						
P. 9,504	8,808	18,312	1,568	18,317	12,821	3,360	16,194	2,066
R. 396	114	510						
P. ...	.....	...	1,970	...	...	...	...	...
R. 1,925	45	1,970						
P. 13	7	20	20	20	11	9	20	...
R. ...	.....	...						
P. ...	.....	...	...	...	...	...	...	...
R. ...	.....	...						
P. 14,463	13,654	28,117	1,918	28,134	21,891	4,581	25,491	2,559
R. 2,400	179	2,579						
P. 12,312	11,440	23,752	1,733	23,755	19,218	2,362	21,655	2,069
R. 1,483	501	1,984						
P. 3,076	2,923	5,998	1,514	5,998	4,591	840	5,458	530
R. 35	23	58						
P. 456	427	883	883	883	481	324	818	65
R. ...	...	...						
P. 134	124	258	262	258	176	60	233	24
R. 3	1	4						
P. 13	21	34	34	34	32	2	34	...
R. ...	.....	...						
P. 6,767	6,482	13,249	1,674	13,261	10,379	1,712	12,093	1,114
R. 95	50	145						
P. 40,270	37,670	77,940	1,746	77,953	53,221	16,367	69,776	7,966
R. 1,805	600	2,405						
P. 15,388	14,362	29,750	1,590	29,753	23,809	3,202	27,113	2,599
R. 1,518	524	2,042						
P. ...	...	...	...	...	...	...	...	...
R. ...	...	...						
P. 31	31	62	2,065	62	50	12	62	...
R. 1,937	66	2,003						
P. 62,456	58,545	121,001	1,724	121,029	87,459	21,293	109,048	11,679
R. 5,365	1,240	6,595						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	GUJARAT REGISTRATION DISTRICT—*concld.*					
	AHMEDABAD COLLECTORATE—					
97	Ahmedabad City (Municipal)	46	11	17	99·79	37·24
98	Dhandhuka Town (Local Fund)... ...	17	1	9	99·15	12·50
99	Viramgam do. (do.)... ...	35	9	13	98·76	40·91
100	Dholka do. (do.)... ...	1	...	1	99·74	...
101	Ahmedabad Cantonment	...	...	...	...	...
102	In the 8 Rural circles (Local Fund) ...	510	130	136	99·65	34·76
103	Ahmedabad Central Prison	1,970	1,970	...	...	100·00
104	Sabarmati Railway Dispensary... ...	...	...	...	100·00	...
105	Sadar Bazar Dispensary	...	...	...	...	...
	Total ...	2,579	2,121	176	99·67	88·25
	NATIVE STATES—					
106	Rewa Kantha Agency	1,984	279	362	99·86	17·20
107	Mahi Kantha Agency	58	9	7	99·82	17·65
108	Dangs (Local Fund)	...	...	...	100·00	...
109	Jambughoda (Local Fund)	4	...	...	99·57	...
110	Sadra Dispensary	...	...	...	100·00	...
	TOTAL BY ESTABLISHMENT IN THE GUJARAT REGISTRATION DISTRICT.					
	Municipal	146	24	62	99·59	28·57
	Local Fund	2,405	704	598	99·70	38·96
	Native States	2,042	388	369	99·85	23·19
	Cantonment	...	...	...	...	...
	Dispensaries	2,003	1,976	...	100·00	98·65
	Total ...	6,596	3,092	1,029	99·72	55·54

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
29·85	4·19	26·96	8,142	30·07	186	·69
43·32	14·18	52·94	212	26·32	4	·50
18·58	9·35	37·14	611	23·27	17	·65
30·21	7·56	100·00	394	31·49	...	...
...	.....	.....	27	8·35	...	...
23·63	11·28	20·67	15,806	26·85	47	·08
.....	.....	.....	1,721	.....	.....	.....
.....	.....	.....	38	.....	.....	.....
.....	.....	.....	28	.....	.....	.....
30·99	9·09	6·82	25,482	29·72	254	·29
20·13	5·71	18·25	22,416	29·77	...	...
24·39	8·84	12·07	5,082	22·68	...	...
33·41	7·36	.....	880	35·95	...	...
24·42	9·30	.....	283	30·19	...	...
.....	.....	.....	43	.....	.....	.....
17·84	5·40	42·47	13,405	19·73	490	·71
30·51	10·22	24·81	69,873	30·25	338	·15
28·20	8·73	18·07	27,498	28·14	...	...
...	.....	.....	27	8·35	...	...
.....	.....	.....	1,880	.....	.....	.....
28·11	9·65	15·60	105,108	26·34	818	·21

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SIND REGISTRATION DISTRICT.			
	KARACHI COLLECTORATE—			
111	Karachi Town (Municipal)	216,883	2,363	2
112	Tatta do. (do.)	8470	.....	.....
113	In the 11 Rural circles (Local Fund) ...	316,712	48	11
114	Karachi Convict Gang	.....	.....	.....
	Total ...	542,065	47	13
	HYDERABAD COLLECTORATE—			
115	Hyderabad Town (Municipal)	73,951	4,167	1
116	Do. Cantonment	7,887	.....	S.A.S.
117	In the 7 Rural circles (Local Fund) ...	491,612	128	10
118	Hyderabad Central Prison	.....	.....	.....
	Total ...	573,450	128	11 1 S.A.S.
	NAWABSHAH COLLECTORATE—			
119	In the 7 Rural circles (Local Fund) ...	418,660	107	9
	Total ...	418,660	107	9
	THAR AND PARKAR COLLECTORATE—			
120	Umarkot Town (Local Fund)	4,199	.....	.....
121	In the 11 Rural circles (Local Fund) ...	392,132	29	14
	Total ...	396,331	29	14
	LARKANA COLLECTORATE—			
122	Larkana Town (Municipal)	17,723	8,023	1
123	In the 11 Rural circles (Local Fund) ...	580,237	115	11
	Total ...	597,960	118	12

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 3,906	3,885	7,791	11,570	7,825	5,169	1,220	6,547	1,233
R. 13,225	2,124	15,349						
P. 70	5	128	125	128	79	44	125	3
R. ...	1	1						
P. 4,135	3,582	7,717	742	7,717	3,011	3,866	7,322	390
R. 362	86	448						
P. 175	28	203	296	203	18	5	118	63
R. 71	22	93						
P. 8,286	7,553	15,839	2,441	15,873	8,267	5,135	14,112	1,689
R. 13,658	2,233	15,891						
P. 988	919	1,907	1,947	1,908	686	1,208	1,904	4
R. 24	16	40						
P. 39	28	67	67	67	21	39	60	5
R. ...	...	...						
P. 6,510	5,516	12,026	.....	12,028	6,600	4,582	11,421	594
R. 184	79	263						
P. 257	5	262	1,870	262	4	...	225	6
R. 1,599	9	1,608						
P. 7,794	6,468	14,262	1,348	14,265	7,311	5,829	13,610	609
R. 1,807	104	1,911						
P. 6,293	5,553	11,846	1,368	11,853	7,059	3,863	11,083	746
R. 370	96	466						
P. 6,293	5,553	11,846	1,368	11,853	7,059	3,863	11,083	746
R. 370	96	466						
P. 70	60	130	309	130	79	42	124	6
R. 109	70	179						
P. 7,556	6,167	13,723	1,169	13,724	6,773	5,783	13,001	716
R. 1,801	842	2,643						
P. 7,626	6,227	13,853	1,191	13,854	6,852	5,825	13,125	722
R. 1,910	912	2,822						
P. 247	230	477	507	477	81	368	452	25
R. 23	8	30						
P. 7,967	7,190	15,157	1,438	15,159	10,010	4,069	14,313	836
R. 505	154	659						
P. 8,214	7,420	15,634	1,360	15,636	10,091	4,437	14,765	861
R. 527	162	689						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SIND REGISTRATION DISTRICT.					
	KARACHI COLLECTORATE—					
111	Karachi Town (Municipal)	15,349	15	15,325	99·32	62·50
112	Tatta do. (do.)	1	...	...	10·00	...
113	In the 11 Rural circles (Local Fund)	448	82	109	99·93	24·19
114	Karachi Convict Gang	93	28	59	84·28	82·35
	Total ...	15,891	125	15,493	99·49	31·41
	HYDERABAD COLLECTORATE—					
115	Hyderabad Town (Municipal)	40	1	21	100·00	5·26
116	Do. Cantonment	...	...	...	96·77	...
117	In the 7 Rural circles (Local Fund) ...	263	93	52	99·89	44·08
118	Hyderabad Central Prion	1,608	976	42	87·89	17·62
	Total ...	1,911	1,070	115	99·66	59·58
	NAWABSHAH COLLECTORATE—					
119	In the 7 Rural circles (Local Fund) ...	467	129	125	99·78	37·72
	Total ...	467	129	125	99·78	37·72
	THAR AND PARKAR COLLECTORATE—					
120	Umarkot Town (Local Fund)	179	50	53	100·00	39·68
121	In the 11 Rural circles (Local Fund) ...	2,643	535	598	99·95	26·16
	Total ...	2,822	585	651	99·95	29·99
	LARKANA COLLECTORATE—					
122	Larkana Town (Municipal)	30	2	23	100·00	28·57
123	In the 11 Rural circles (Local Fund) ...	660	147	166	99·93	29·76
	Total ...	690	149	189	99·93	29·74

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
30·26	15·76	99·85	6,774	31·23	99	·46
14·76	2·34	.....	122	14·40	3	·35
23·38	5·05	24·33	6,982	22·40	72	·72
.....	21·03	63·44	40	.....	.....	.....
26·26	10·64	97·50	11,819	21·60	174	·32
25·76	0·21	52·50	2,212	29·90	82	·11
7·61	7·46	.....	.....	.....	.....	.....
23·42	4·94	19·77	13,525	28·58	19	·38
.....	2·29	2·61	1,993	.....	.....	.....
25·60	4·27	6·02	15,140	26·40	100	·18
26·78	6·29	26·77	11,002	23·89	66	·38
26·78	6·29	26·77	11,002	23·89	66	·38
41·44	4·61	29·61	100	24·19	.....	.....
34·52	5·22	22·63	10,011	25·78	80	·22
34·59	5·21	23·06	10,011	25·58	80	·23
25·62	5·24	76·67	446	25·22	4	·22
24·92	5·51	25·15	14,584	26·68	101	·17
24·94	5·51	27·39	15,032	25·36	105	·18

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of Vaccinators employed throughout the year.
1	2	3	4	5
	SIND REGISTRATION DISTRICT—*contd.*			
	SUKKUR COLLECTORATE—			
124	Sukkur Town (Municipal)	42,759	11,638	1
125	Shikarpur do. (do.)	55,503	5,994	1
126	Rohri do. (do.)	11,378	.....	1
127	In the 8 Rural circles (Local Fund) ...	400,652	71	8
128	Sukkur Town	.....	.....	.....
	Total ...	510,292	91	11
	UPPER SIND FRONTIER—			
129	Jacobabad Town (Municipal)	10,583	.....	1
130	In the 5 Rural circles (Local Fund) ...	230,036	86	5
	Total ...	240,619	90	6
	NATIVE STATES—			
131	Khairpur State ...	193,131	.....	6
	Total ...	193,131	.....	6
	TOTAL BY ESTABLISHMENT IN THE SIND REGISTRATION DISTRICT—			
	Municipal	441,449	3,761	8
	Local Fund	2,830,041	61	68
	Native States	193,131	.....	6
	Cantonment	7,887	.....	1 S. A. S.
	Dispensaries	.....	.....	.....
	Total ...	3,472,508	75	83 1 S. A. S.

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 663	548	1,211	1,299	1,214	815	346	1,161	49
R. 77	11	88						
P. 734	670	1,404	1,422	1,404	1,080	254	1,336	65
R. 9	9	18						
P. 146	146	291	299	291	185	99	284	7
R. 5	3	8						
P. 6,779	6,313	13,092	1,683	13,094	9,686	2,260	11,984	1,100
R. 264	111	375						
P. 120	9	129	269	129	7	11	127	2
R. 140	...	140						
P. 8,341	7,686	16,127	1,523	16,132	11,773	2,970	14,893	1,223
R. 495	134	629						
P. 152	131	283	295	283	206	71	277	6
R. 7	5	12						
P. 4,126	3,996	8,123	1,683	8,124	5,328	2,252	7,675	424
R. 192	103	295						
P. 4,278	4,127	8,405	1,452	8,407	5,534	2,323	7,952	430
R. 199	108	307						
P. 2,753	2,414	5,167	864	5,167	4,038	848	4,897	270
R. 13	7	20						
P. 2,753	2,414	5,167	864	5,167	4,038	848	4,897	270
R. 13	7	20						
P. 6,905	6,587	13,492	3,629	13,530	8,291	3,610	12,066	1,392
R. 13,369	2,177	15,546						
P. 43,436	38,377	81,813	1,281	81,829	48,546	26,717	76,923	4,812
R. 3,787	1,541	5,328						
P. 2,753	2,414	5,167	864	5,167	4,038	848	4,897	270
R. 13	7	20						
P. 39	28	67	67	67	21	39	Nominal 60	5
R. ...	.....	...						
P. 552	42	594	2,435	594	29	16	Nominal 470	71
R. 1,810	31	1,841						
P. 53,685	47,448	101,133	1,492	101,187	60,925	31,230	94,436	6,550
R. 18,979	3,759	22,735						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	SIND REGISTRATION DISTRICT—*contd.*					
	SUKKUR COLLECTORATE—					
124	Sukkur Town (Municipal)	89	11	4	99·66	12·94
125	Shikarpur do. (do.)	18	6	2	99·78	37·50
126	Rohri do. (do.)	8	2	6	100·00	100·00
127	In the 8 Rural circles (Local Fund) ...	375	77	115	99·91	29·61
128	Sukkur	140	140	...	97·67	100·00
	Total ...	630	236	127	99·88	46·92
	UPPER SIND FRONTIER—					
129	Jacobabad Town (Municipal)	12	...	6	100·00	...
130	In the 5 Rural circles (Local Fund) ...	295	42	136	99·68	26·42
	Total ...	307	42	142	99·69	25·45
	NATIVE STATES—					
131	Khairpur State	20	7	10	100·00	70·00
	Total ...	20	7	10	100·00	70·00
	TOTAL BY ESTABLISHMENT IN THE SIND REGISTRATION DISTRICT—					
	Municipal	15,547	37	15,387	99·57	23·12
	Local Fund	5,330	1,155	1,354	99·88	29·04
	Native States	20	7	10	100·00	70·00
	Cantonment	...	...	...	96·77	7·60
	Dispensaries	1,841	1,144	101	89·87	65·74
	Total ...	22,738	2,343	16,852	99·79	39·81

No. I—*contd.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
27·41	4·04	4·49	943	22·05	11	·25
24·18	4·63	11·11	1,363	24·58	42	·75
25·14	2·41	75·00	278	24·43	2	·18
30·10	8·40	30·67	12,127	30·27	42	·91
.....	.....	.....	149	.....	.....	.....
29·65	7·58	20·16	14,774	28·95	97	·19
26·17	2·12	50·00	355	33·53	7	·66
33·55	5·22	46·10	7,224	31·40	11	·04
33·22	5·11	25·45	7,579	31·49	18	·07
25·39	5·22	50·00	5,322	27·55	...	...
25·39	5·22	50·00	5,322	27·55	...	...
27·48	10·29	98·97	12,394	28·31	264	·60
24·02	5·88	25·40	73,342	25·87	412	·14
25·39	5·22	50·00	5,322	27·55	...	...
7·60	·74	.....	...	...	...	...
.....	11·95	5·49	2,182	.....	.....	.....
22·11	6·47	74·11	92,876	26·75	675	·19

STATEMENT

No.	Circles and Districts.	Population of District according to census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.
1	2	3	4	5
	ADEN.			
132	Aden (Municipal)	56,500	686	5
	TOTAL BY ESTABLISHMENTS.			
	Municipal	3,347,080	...	58
	Local Fund	15,995,425	129	343
	Cantonments	95,759	...	2
	Native States	1,314,397	...	1 S.A.S. 31
	Dispensaries	...	...	...
	In the British Territory	19,438,254	...	403
	In the Native States	1,314,397	...	1 S.A.S. 31
	Grand Total ...	20,792,786	...	434 1 S.A.S.

Sum

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which results were known.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
By Special Staff (Statement I).	650,226	106,130	650,311	106,134	99·81	88·38
By Dispensary Staff ...	808	9,113	808	9,113	93·88	64·15
By other Agencies, if any ...	...	...	...	...	...	...
Total ...	651,034	115,243	651,119	115,247	99·79	42·30

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				
				Total.	Successful.			Unknown.
					Under one year.	One and under six years.	Total of all ages.	
6			7	8	9	10	11	12
Males.	Females.	Total.						
P. 13,677	428	14,105	3.335	14,105	134	223	1,313	12,721
R. 2,551	20	2,571						
Males.	Females.	Total.						
P. 57,201	43,013	100,214	2.597	100,264	55,679	19,848	77,224	22,653
R. 41,707	8,714	50,421						
P. 261,089	247,177	508,266	1.625	503,298	334,206	111,854	451,750	55,891
R. 41,379	7,944	49,323						
P. 997	957	1,954	2,486	1,954	1,263	374	1,663	287
R. 2,474	544	3,018						
P. 20,616	19,176	39,793	1,393	39,795	30,985	5,351	36,465	3,289
R. 2,673	696	3,368						
P. 692	116	808	9,921	808	117	58	609	82
R. 8,607	506	9,113						
P. 319,966	291,242	611,208	1,790	611,290	391,233	132,132	531,213	79,013
R. 94,167	17,708	111,875						
P. 20,629	19,197	39,826	1,397	39,829	31,017	5,353	36,499	3,289
R. 2,673	696	3,368						
P. 340,595	310,439	651,034	1,761	651,119	422,250	137,485	567,711	82,302
R. 96,839	18,404	115,243						

mary

Average number of persons vaccinated by each Vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
Vaccinators employed.	Persons vaccinated by each vaccinator.	Under one year.	One and under six years.			
434	1,790	391,233	132,132	23·44	Rs. a. p. 646,283 11 4	Rs. a. p. 1 1 9
1 S.A.S.	1,397	31,017	5,353	23·24	...	...
...	...	...	...	...	...	...
434	1,761	422,250	137,485	30·31	646,283 11 4	1 1 9
1 S.A.S.						

STATEMENT

No.	Circles and Districts.	Re-vaccination.			Percentage of successful cases in which the results were known.	
		Total.	Successful.	Unknown.	Primary.	Re-vaccination.
1	2	13	14	15	16	17
	ADEN—*contd.*					
132	Aden (Municipal)	2,571	71	2,469	94·87	86·58
	TOTAL BY ESTABLISHMENTS.					
	Municipal	50,423	2,301	45,018	99·50	42·57
	Local Fund	49,325	13,488	14,271	99·85	38·48
	Cantonments	3,018	731	1,348	99·76	50·48
	Native States	3,368	615	851	99·89	24·43
	Dispensaries	9,118	5,147	1,089	83·80	64·15
	In the British Territory	111,879	21,667	61,726	99·80	43·20
	In the Native States	3,368	615	851	99·89	24·43
	Grand Total ...	115,247	22,282	62,577	99·79	42·80

No. I—*concld.*

Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
	Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
18	19	20	21	22	23	24
24·49	90·13	96·81	2,023	35·69	41	0·71
23·76	22·59	89·28	78,649	23·20	2,203	0·66
29·08	11·00	28·93	454,760	28·43	3, 13	0·20
25·00	14·69	44·66	2,486	25·96	13	0·14
28·21	8·26	25·27	37,810	28·77	...	...
...	9·86	11·05	6,012	...	...	...
28·44	20·20	55·17	516,283	26·56	4,801	0·25
28·24	10·60	25·27	37,853	28·80	...	...
30·31	10·47	54·30	554,136	26·66	4,801	0·23

STATEMENT

Showing the Cost of the Department in the

No.	Circles and Districts.	Expend					
		European Supervising Officers.	Pay.			Inspectors of Sanitation and Vaccination.	Pay.		
			Rs.	a.	p.		Rs.	a.	p.
	WESTERN REGISTRATION DISTRICT.								
	Administrative Charges	1	5,518	0	0	8	7,903	7	0
1	East Khándesh Collectorate ...	...	.....			.....	.....		
2	West Khándesh do. ...	...	.....			.....	.....		
3	Násik do. ...	...	.....			.....	.....		
4	Thána do. ...	...	.....			.....	.....		
5	Bombay Suburban do. ...	..	.....			.....	.....		
6	Kolába do. ...	...	.....			.....	.....		
	Total ...	1	5,518	0	0	8	7,903	7	0
7	Bombay City	1	4,027	11	0	1	1,775	0	0
	CENTRAL REGISTRATION DISTRICT.								
	Administrative Charges	1	13,400	4	0	6	7,832	9	0
8	Ahmednagar Collectorate	...	.....			.....	.....		
9	Poona do.	...	.....			.....	.....		
10	Sholápur do.	...	.....			.....	.....		
11	Sátára do.	...	.....			.....	.....		
12	Ratnagiri do.	...	.....			.....	.....		
	Total ...	1	13,400	4	0	6	7,832	9	0
	SOUTHERN REGISTRATION DISTRICT.								
	Administrative Charges	1	12,800	0	0	7	9,245	3	0
13	Belgaum Collectorate	...	.....			...	.....		
14	Dhárwár do.	...	.....			...	.....		
15	Bijápur do.	...	.....			...	.....		
16	Kánara do.	...	.....			...	.....		
	Total ...	1	12,800	0	0	7	9,245	3	0

No. II.

Bombay Presidency during the year 1927-28.

ITURE.

Vaccinators.	Pay.	Clerks.	Pay.	Peons, etc.	Pay.	Total Pay of Establishment.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
...	.....	2	3,360 0 0	12	2,186 8 0	18,967 15 0
22	9,840 15 0	.....	.....	20	3,610 14 0	13,451 13 0
16	7,258 13 8	.....	.....	15	2,844 12 0	10,103 9 8
23	9,741 6 0	.....	.....	20	3,276 14 3	13,018 4 3
22	10,217 4 0	.....	.....	20	3,573 4 0	13,790 8 0
4	2,338 15 0	.....	.....	4	850 5 0	3,189 4 0
16	6,180 12 0	.....	.....	15	2,334 3 0	8,514 15 0
103	45,578 1 8	2	3,360 0 0	106	18,676 12 3	81,036 4 11
9	9,518 11 0	6	9,820 2 0	98	10,437 9 0	35,579 1 0
...	.....	2	2,520 0 0	10	1,885 0 0	25,637 13 0
19	8,612 3 0	.....	.....	19	2,889 8 0	11,501 11 0
20	9,210 8 0	.....	.....	21	3,867 5 0	13,077 13 0
16	7,221 3 0	.....	.....	15	2,529 0 0	9,750 3 0
22	9,768 2 0	.....	.....	20	3,338 1 0	13,106 3 0
22	9,550 5 0	.....	.....	21	3,769 5 0	13,319 10 0
99	44,362 5 0	2	2,520 0 0	106	18,278 3 0	86,393 5 0
...	.....	1	1,530 0 0	10	1,777 6 0	25,352 9 0
18	8,092 7 0	.....	.....	18	3,048 13 0	11,141 4 0
23	11,252 4 0	.....	.....	23	3,936 2 0	15,188 6 0
20	8,354 0 0	.....	.....	20	2,945 3 0	11,299 3 0
16	7,481 11 0	.....	.....	16	2,662 10 0	10,144 5 0
77	35,180 6 0	1	1,530 0 0	87	14,370 2 0	73,125 11 0

STATEMENT

No.	Circles and Districts.	Expenditure—*contd.*			Imperial Funds.
		Travelling Allowances.	Contingencies.	Total Cost.	
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	WESTERN REGISTRATION DISTRICT.				
	Administrative Charges	6,356 3 0	1,004 14 6	26,329 0 6	... ..
1	East Khandesh Collectorate ...	5,249 4 0	817 0 0	19,518 1 0	.....
2	West Khandesh do. ...	4,291 15 0	807 10 6	15,203 3 2	.....
3	Nasik do. ...	4,634 11 0	710 7 3	18,363 6 6	.. ...
4	Thana do. ..	4,511 8 0	363 6 5	18,665 6 5	.....
5	Bombay Suburban do. ...	584 5 0	132 12 3	3,906 5 3	.....
6	Kolába do. ...	3,640 11 0	655 0 0	12,810 10 0	.....
	Total ...	29,268 9 0	4,491 2 11	1,14,796 0 10	.....
7	Bombay City	1,286 15 3	11,273 8 6	48,139 8 9	.....
	CENTRAL REGISTRATION DISTRICT.				
	Administrative Charges	7,541 5 0	1,103 8 0	34,282 5 0	.....
8	Ahmednagar Collectorate ...	4,706 3 0	494 8 5	16,692 6 5	.....
9	Poona do. ...	4,191 5 0	500 8 10	17,769 10 10	.....
10	Sholapur do.	2,923 1 6	531 10 6	13,109 15 0	...
11	Satara do.	5,261 7 0	375 0 1	18,743 3 1	... ..
12	Ratnagiri do.	3,280 4 0	370 15 3	16,970 13 3	.....
	Total ...	27,909 9 6	3,366 7 1	1,17,068 5 7	.....
	SOUTHERN REGISTRATION DISTRICT.				
	Administrative Charges	8,716 1 0	1,316 11 0	35,385 5 0	...
13	Belgaum Collectorate	3,208 5 0	799 8 0	15,140 1 0	.....
14	Dharwar do.	3,643 15 0	857 13 11	19,690 2 11	.....
15	Bijapur do.	2,897 7 0	379 0 0	14,575 10 0	.....
16	Kanara do.	770 4 0	699 4 0	11,613 13 0	.....
	Total ...	19,236 0 0	4,052 4 11	96,413 15 11	.....

No. II—*contd.*

Paid from				Total.	Number of all successful Vaccinations and Re-vaccinations.	Average cost of each successful case.
Provincial Funds.	Local Funds.	Municipalities.	Native States.			
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
26,329 0 6	.....	.....	.....	26,329 0 6	...	.....
3,797 5 0	13,051 4 9	2,669 7 3	.....	19,518 1 0	30,254	0 10 4
756 0 0	11,735 0 0	2,016 3 5	695 15 9	15,203 3 2	17,923	0 13 7
3,923 2 0	12,514 9 5	1,772 9 10	153 1 3	18,363 6 6	25,523	0 11 6
3,789 15 0	12,815 0 11	1,376 6 6	684 0 0	18,665 6 5	21,671	0 13 9
267 12 0	1,548 12 3	2,089 13 0	.....	3,906 5 3	4,112	0 15 2
3,433 6 0	9,377 4 0	.....	.....	12,810 10 0	14,896	0 13 9
42,316 8 6	61,041 15 4	9,904 8 0	1,533 1 0	1,14,796 0 10	114,378	1 0 1
.....	.....	48,139 8 9	.....	48,139 8 9	18,406	2 9 9
34,282 5 0	.....	.....	.....	34,282 5 0	...	.....
2,474 1 0	13,186 7 2	1,031 14 3	.....	16,692 6 5	23,810	0 11 3
1,945 4 0	12,242 13 6	3,581 9 4	.....	17,769 10 10	26,219	0 10 10
444 0 0	9,718 3 0	3,047 11 6	.....	13,209 15 0	22,425	0 9 5
2,955 15 0	15,250 15 0	536 5 1	.....	18,743 3 1	30,589	0 9 10
2,256 14 0	14,713 15 3	.....	.....	16,970 13 3	32,878	0 8 3
44,358 7 0	65,112 6 5	8,197 8 2	.....	1,17,668 5 7	135,915	0 13 10
35,308 5 0	.....	.....	85 0 0	35,385 5 0	...	.....
1,853 0 0	12,620 2 0	645 15 0	.....	15,149 1 0	32,290	0 7 6
2,534 9 0	14,299 3 0	2,307 6 0	489 0 11	19,090 2 11	32,824	0 9 7
889 2 0	12,721 5 0	132 3 6	832 15 6	14,575 10 0	30,814	0 7 7
2,210 14 0	8,682 5 0	720 10 0	.....	11,613 13 0	12,599	0 14 5
42,817 14 0	48,322 15 0	3,836 2 6	1,407 0 5	96,413 15 11	108,827	0 14 2

STATEMENT

No.	Circles and Districts.	Expend			
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.
	GUJARAT REGISTRATION DISTRICT.		Rs. a. p.		Rs. a. p.
	Administrative Charges	1	11,039 12 0	5	5,924 8 0
17	Surat Collectorate	...	.....	.....	.....
18	Broach do.	...	.....	.....	.....
19	Kaira do.	...	.....	.....	.....
20	Panch Mahals do.	...	.....	.....	.....
21	Ahmedabad do.	...	.....	1	.....
22	Mahi Kántha Agency	...	.....	1	720 0 0
23	Rewa Kántha Agency	...	.....	.....	.....
	Total	1	11,039 12 0	7	6,644 8 0
	SIND REGISTRATION DISTRICT.				
	Administrative Charges	1	12,251 1 0	7	7,111 4 0
24	Karáchi Collectorate	...	.....	.....	.....
25	Hyderabad do.	...	.....	.....	.....
26	Nawabshah do.	...	.....	.....	.....
27	Thar and Párkar do.	...	.....	.....	.....
28	Lárkána do.	...	.....	...	.....
29	Sukkur do.	...	.....	.....	.....
30	Jacobabad do.	...	.....	.....	.....
31	Khairpur State	...	...	.....	.....
	Total ...	1	12,251 1 0	7	7,111 4 0
	VACCINE INSTITUTE.				
32	Belgaum	1	13,280 4 0	3	5,958 9 0
33	Aden	...	.....	.....	.....
	TOTAL OF PRESIDENCY ...	...	.....	.....	.....

No. II—*contd.*

IFURE.

Vaccinators.	Pay.	Clerks.	Pay.	Peons, etc.	Pay.	Total Pay of Establishment.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
...	.....	2	3,482 15 0	9	1,491 4 0	21,938 7 0
15	6,516 10 0	.....	.....	14	2,607 12 0	9,124 6 0
7	3,345 2 0	.....	.....	6	1,034 7 0	4,379 9 0
12	5,372 12 0	.....	.....	11	1,955 4 0	7,328 0 0
8	3,067 2 0	.....	.....	7	1,225 9 0	4,292 11 0
18	8,075 13 0	1	376 0 0	18	3,003 6 0	11,455 3 0
4	1,440 0 0	.....	.....	5	888 6 0	3,048 6 0
17	4,880 0 6	.....	.....	16	2,072 11 6	6,953 5 0
81	32,698 0 6	3	3,858 15 0	88	14,278 11 6	68,519 15 0
...	.....	3	3,699 12 0	10	1,909 15 0	25,062 0 0
15	7,182 3 0	1	1,255 0 0	16	3,529 6 0	11,966 9 0
13	8,906 6 0	.....	.....	12	2,522 10 0	11,729 0 0
10	4,772 15 0	.....	.....	10	2,130 7 0	6,903 6 0
16	6,735 5 0	.....	.....	16	3,720 12 0	10,456 1 0
13	5,612 10 0	.....	.....	13	2,703 2 0	8,315 12 0
12	4,303 10 0	.....	.....	13	2,361 2 0	6,664 12 0
7	2,921 8 0	.....	.....	7	1,525 9 0	4,447 1 0
6	2,157 7 0	.....	.....	6	944 0 0	3,101 7 0
92	42,592 0 0	4	4,954 12 0	103	21,736 15 0	88,646 0 0
9	7,489 14 0	3	2,534 1 0	22	4,135 4 0	33,448 0 0
...	.....	.....	.....	...	.....	.....
...	.....	.....	.....	...	.....	.....

STATEMENT

No.	Circles and Districts.	Expenditure—*contd.*			Imperial Funds.
		Travelling Allowances.	Contingencies.	Total Cost.	
	GUJARAT REGISTRATION DISTRICT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Administrative Charges ...	5,773 12 0	1,907 10 0	29,619 13 0	.....
17	Surat Collectorate	2,976 15 0	521 9 9	12,622 14 9	.....
18	Broach do.	1,669 14 0	225 15 9	6,295 6 9	.....
19	Kaira do.	2,428 4 0	418 9 8	10,174 13 8	.....
20	Panch Mahals do.	1,751 5 0	211 3 7	6,255 3 7	.....
21	Ahmedabad do.	2,615 7 0	1,410 11 0	15,511 5 0	.....
22	Mahi Kantha Agency	1,005 1 0	245 10 0	4,299 1 0	.....
23	Rewa Kantha Agency	665 5 6	351 6 3	7,970 0 9	.....
	Total ...	18,905 15 6	5,322 12 0	92,748 10 6	.....
	SIND REGISTRATION DISTRICT.				
	Administrative Charges	9,519 3 0	2,158 2 8	36,739 5 8	.....
24	Karachi Collectorate	4,037 5 0	1,175 4 7	17,169 2 7	.....
25	Hyderabad do.	2,919 2 0	512 1 4	15,160 3 4	.....
26	Nawabshah do.	2,234 11 0	418 13 8	9,606 14 8	.....
27	Thar and Parkar do.	4,028 12 0	935 10 9	15,420 7 9	.....
28	Larkana do. ...	2,777 11 0	338 12 6	11,432 3 6	.....
29	Sukkur do.	2,577 8 0	474 11 0	9,716 15 0	.....
30	Jacobabad do.	1,395 8 0	190 13 9	6,033 6 9	.....
31	Khairpur State	1,082 0 0	77 1 8	4,260 8 8	.....
	Total ...	30,581 12 0	6,311 7 6	1,25,539 3 6	.....
	VACCINE INSTITUTE.				
32	Belgaum	2,026 5 0	38,515 8 4	*45,275 0 3	.....
33	Aden	.....	.....	5,702 14 0.	.....
	TOTAL OF PRESIDENCY ...	.....	.....	50,977 14 3	.....

	Rs. a. p.
* Total expenditure ...	73,989 13 4
Deduct—Sale-proceeds ...	28,714 13 1
	45,275 0 3

No. II—*concld.*

Paid from				Total.	Number of all successful vaccinations and Revaccinations.	Average cost of each successful case.
Provincial Funds.	Local Funds.	Municipalities.	Native States.			
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
29,619 13 0	.....	.....	.....	29,619 13 0	...	.....
2,219 13 0	8,652 5 0	1,720 12 9	.....	12,622 14 9	16,814	0 12 0
1,109 12 0	4,493 10 0	692 0 9	.....	6,295 6 9	8,599	0 11 9
1,622 1 0	7,761 11 11	791 0 9	.....	10,174 13 8	20,084	0 8 1
920 9 0	5,035 10 7	299 0 0	.....	6,255 3 7	10,988	0 9 1
2,112 8 0	8,433 7 0	4,965 6 0	.....	15,511 5 0	25,622	0 9 8
.....	.....	.....	4,299 1 0	4,299 1 0	5,467	0 12 7
.....	.....	.....	7,970 0 9	7,970 0 9	21,934	0 5 10
37,604 8 0	34,406 12 0	8,468 4 3	12,269 1 9	92,748 10 0	109,508	0 13 7
36,739 5 3	.....	.....	.....	36,739 5 3	...	.....
1,891 6 0	8,476 2 0	6,801 10 7	.....	17,167 2 7	14,091	1 3 6
1,595 13 0	9,305 10 4	4,258 12 0	.....	15,160 3 4	13,479	1 1 3
1,364 14 0	8,242 0 8	.....	.....	9,606 14 8	11,212	0 13 8
1,785 10 0	13,634 13 9	.....	.....	15,420 7 9	13,710	1 2 1
1,870 2 0	8,739 12 6	822 5 0	.....	11,432 3 6	14,914	0 12 3
342 0 0	6,964 13 0	2,410 2 0	.....	9,716 15 0	14,861	0 10 5
954 15 0	4,310 2 9	768 5 0	.....	6,033 6 9	7,994	0 12 10
.....	.....	.....	4,260 8 8	4,260 8 8	4,904	0 13 10
46,544 1 3	59,673 7 0	15,061 2 7	4,260 8 8	1,25,539 3 6	95,165	1 5 1
45,275 0 3	.....	.....	.....	45,275 0 3	...	.....
.....	.....	.....	.....	5,702 14 0	1,384	.....
.....	.....	.....	.....	6,46,383 11 4	5,83,643	1 1 9

STATEMENT

Comparative Statement showing the number of persons successfully vaccinated in each of the

Establishment.	Persons Primarily			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended			
	1918-1919.		1919-1920.	
Municipal	70,481	62,636	67,217	58,567
Local Fund	437,968	399,370	454,364	407,269
Cantonment	1,622	1,405	1,529	1,393
Native States	88,850	87,335	84,478	82,448
Dispensaries	867	800	947	785
Total ...	599,788	551,546	608,535	550,462

Establishment.	Persons Primarily			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended			
	1923-1924.		1924-1925.	
Municipal	85,903	75,966	85,254	76,025
Local Fund	486,311	441,967	484,794	436,886
Cantonment	2,366	2,187	1,291	1,097
Native States	41,078	38,267	40,731	38,353
Dispensaries	662	479	813	596
Total ...	616,320	558,866	612,883	552,957

No. IV.

primarily vaccinated and the number of those persons who were undermentioned official years.

VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH.					
1920-1921.		1921-1922.		1922-1923.	
71,503	62,806	80,358	69,818	80,048	70,658
435,433	392,041	455,216	413,165	466,085	422,766
1,548	1,280	1,914	1,588	1,421	1,280
81,719	79,613	39,425	36,989	39,403	37,019
473	444	877	729	780	685
590,676	536,184	577,690	523,289	587,737	532,408

VACCINATED—*continued.*

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH—*continued.*					
1925-1926.		1926-1927.		1927-1928.	
83,184	73,984	114,209	77,609	100,964	77,224
504,178	452,368	504,987	449,538	508,298	451,750
1,720	1,125	2,213	1,902	1,954	1,663
43,194	39,126	40,941	38,106	39,795	36,455
929	542	773	514	808	609
632,205	567,145	663,123	567,669	651,119	567,711

STATEMENT

Showing Particulars of Vaccination

District.		Total Number of persons vaccinated.		Total number inspected.			
				By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.	
		Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.
Western Registration District.	East Khándesh ...	39,258	875	...	...	18,215	259
	West Khándesh .	23,494	181	86	...	14,167	82
	Nasik .	32,489	1,635	...	...	10,148	117
	Thána	24,374	1,002	565	9	9,884	59
	Bombay Suburban .	4,802	746	25	...	241	....
	Kolába ..	19,932	140	4,384	4	2,978	3
	Bombay City .	19,945	24,956	4,966	...	3,828	...
Central Registration District.	Ahmednagar ..	26,891	3,658	13	...	5,541	...
	Poona	29,157	2,860	377	...	527	...
	Sholápur ..	26,629	447	233	...	4,024	40
	Sátára ..	32,837	1,036	59		10,531	41
	Ratnágiri .	34,051	2,564	3,283	...	6,480	...
Southern Registration District.	Belgaum ..	31,054	9,927	776	...	6,873	589
	Dhárwár .	31,966	19,069	69	.	5,340	225
	Bijápur ..	28,684	11,371	38	...	6,554	70
	Kánara ..	11,105	4,620	783	3	4,672	288
Gujarát Registration District.	Surat ..	18,672	1,087	...	..	3,144	106
	Broach .	9,594	265	1,825	19	3,040	34
	Kaira ..	21,753	291	119	1	8,803	87
	Panch Maháls ..	11,932	294	2,336	48	5,247	98
	Ahmedabad ..	28,097	609	11	...	14,196	40
Sind Registration District.	Karáchi ..	15,636	15,798	133	...	1,756	33
	Hyderabad .	14,000	303	136	11	3,431	43
	Nawábshah ..	11,846	466	230	1	4,057	122
	Thar and Párkar ..	13,853	2,822	60	...	3,404	570
	Lárkána ..	15,684	689	...	...	6,078	163
	Sukkur ..	15,998	489	2,380	52	5,125	153
	Upper Sind Frontier ..	8,405	307	1,137	17	549	7
	Total for the Province ..	602,101	108,507	24,544	165	168,833	3,228

No. V.

verified by Inspecting Officers in 1927-1928.

Percentage of Inspections to total number vaccinated.				Percentage of cases found successful of total number inspected.				Percentage of success reported by Vaccinators.	
By Assistant Directors of Public Health.		By Native Superintendents or other Inspecting Officers.		By Assistant Directors of Public Health or Civil Surgeons.		By Native Superintendents or other Inspecting Officers.			
Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.
...	...	46·39	20·48	...	...	97·97	44·96	39·04	13·49
·36	...	60·30	45·30	97·67	...	89·49	39·02	63·17	30·38
...	...	31·23	7·16	...	...	98·26	40·17	42·06	4·22
2·32	·89	40·55	5·88	90·82	66·66	99·86	13·56	53·54	2·79
·52	...	5·02	...	100·00	...	99·58	...	5·58	...
21·99	2·86	14·04	2·14	98·72	75·00	99·62	66·66	16·83	1·43
24·90	...	19·19	...	99·88	...	99·76	...	98·88	...
·05	...	20·61	...	100·00	...	98·90	...	85·18	24·70
1·50	...	1·81	...	97·61	...	97·15	...	87·28	26·96
·87	...	15·11	8·39	98·71	...	97·86	32·50	83·62	35·57
...	...	32·07	4·00	95·25	...	99·56	63·41	91·87	40·64
9·64	...	10·03	...	98·81	...	98·87	....	92·84	49·02
2·50	...	23·13	5·93	99·48	...	99·59	13·58	96·00	24·95
·28	...	16·71	1·18	96·63	...	99·78	15·70	95·30	18·76
·13	...	22·35	·61	100·00	...	99·45	15·71	97·12	27·53
7·05	·06	42·07	6·23	99·74	...	99·64	45·83	98·37	42·75
...	...	16·84	9·75	...	...	99·62	22·64	86·64	38·70
10·02	7·17	31·09	12·83	99·78	89·47	99·54	41·17	88·65	35·47
·55	·34	40·47	29·90	100·00	...	99·68	27·59	91·89	32·65
23·77	16·33	43·98	33·38	99·65	27·08	99·54	35·71	89·50	25·85
·04	...	50·52	6·57	100·00	...	99·54	60·00	90·65	24·79
·85	...	11·23	·21	21·80	...	99·77	63·63	89·49	·61
·97	3·63	24·51	14·19	98·53	9·09	99·62	37·21	95·81	51·02
1·04	·22	34·25	26·18	100·00	...	99·50	23·77	93·54	37·68
·43	...	24·50	20·19	100·00	...	99·29	4·56	94·66	·5·26
...	...	38·87	23·06	...	...	99·87	24·54	94·44	21·62
14·87	10·63	32·03	31·31	99·49	40·39	99·12	25·79	93·29	19·63
13·41	5·54	6·53	2·60	99·12	64·70	99·04	...	94·61	13·08
4·07	·15	28·03	2·97	99·47	66·06	97·59	61·18	99·61	38·38

APPENDIX

STATEMENT

Showing the Particulars of Vaccination in

Number.	Circles and Districts.	Population of Native States according to Census of 1921.	Average Population per square mile.	Average Number of Vaccinators employed throughout the year.
1	2	3	4	5
1	Idar	202,811	64	4
2	Cambay	71,679	207	2
3	Aundh (Pant Pratinidhi)	64,560	...	2
4	Akalkot	81,250	...	2
5	Bhor (Pant Sachiv)	130,420	...	3
6	Phaltan	43,286	...	1
7	Sávantwádi	206,440	...	6
8	Sangli State	221,321	199	6
9	Jamkhindi State	101,195	193	4
10	Miraj Senior State	82,580	241	2
11	Miraj Junior State	34,665	164	1
12	Kurundwad State (Senior)	38,760	210	1
13	Kurundwad State (Junior)	34,296	296	1
14	Mudhol	60,140	167	1
15	Ramdurg	33,997	205	1
16	Kolhápur	833,726	2,590	13
17	Janjira	87,534	270	2
18	Bansda	40,125	187	1
	Grand Total ...	2,368,785	...	53

II.

No. I.

Indian States during the year 1927-28.

Total Number of Persons vaccinated.			Average Number of persons vaccinated by each Vaccinator.	Primary Vaccination.			
				Total.	Successful.		
					Under one year.	One and under six years.	Total of all ages.
6			7	8	9	10	11
Males.	Females.	Total.					
P. 3,596	3,477	7,073	1,791	7,073	5,861	1,203	7,064
R. 64	26	90					
P. 1,214	1,100	2,314	1,157	2,314	1,938	354	2,292
R. ...	...	...					
P. 978	917	1,895	1,005	1,895	1,346	338	1,687
R. 73	41	114					
P. 1,533	1,224	2,757	1,417	2,757	2,246	458	2,726
R. 76	...	76					
P. 2,114	2,070	4,184	1,479	4,184	3,081	891	3,985
R. 207	45	252					
P. 747	701	1,448	1,487	1,448	1,332	116	1,448
R. 35	4	39					
P. 3,235	3,133	6,368	1,002	6,368	4,220	2,117	6,360
R. 94	29	123					
P. 4,214	3,865	8,079	1,455	8,079	7,069	939	8,042
R. 637	13	650					
P. 1,929	1,840	3,769	957	3,769	3,145	583	3,763
R. 50	10	60					
P. 2,027	1,764	3,791	1,929	3,791	3,334	430	3,778
R. 61	5	66					
P. 455	453	908	992	908	759	142	908
R. 84	...	84					
P. 773	718	1,491	1,857	1,491	1,174	261	1,438
R. 347	14	361					
P. 693	626	1,319	1,559	1,319	997	316	1,316
R. 230	10	240					
P. 1,011	981	1,992	2,428	1,992	1,584	381	1,991
R. 423	13	436					
P. 684	673	1,357	1,484	1,357	1,059	298	1,357
R. 119	8	127					
P. 16,112	15,312	31,424	2,495	31,424	27,721	3,557	31,420
R. 976	31	1,007					
P. 1,010	1,018	2,028	1,016	2,028	1,178	832	2,014
R. 3	1	4					
P. 102	114	216	216	216	120	46	166
R. ...	...	...					
P. 42,427	39,986	82,413	1,625	82,413	68,159	13,261	81,755
R. 3,479	250	3,729					

STATEMENT

Number.	Circles and Districts.	PRIMARY VACCINATION —contd.	RE-VACCINATION.			Percentage successful which were
		Unknown.	Total.	Successful.	Unknown.	Primary.
1	2	12	13	14	15	16
1	Idar	9	90	58	29	100·00
2	Cambay	18	...	...	...	99·83
3	Aundh (Pant Pratinidhi)	203	114	1	5	99·71
4	Akalkot	31	76	69	7	100·00
5	Bhor (Pant Sachiv)	187	252	55	69	99·70
6	Phaltan	...	39	..	...	100·00
7	Sawantwadi	3	123	117	...	99·92
8	Sangli State	27	650	352	134	99·88
9	Jamkhindi State	6	60	48	6	100·00
10	Miraj Senior State	10	66	61	2	99·92
11	Miraj Junior State	...	84	84	...	100·00
12	Kurundwad State (Senior)	48	361	214	25	99·65
13	Kurundwad State (Junior)	2	240	122	...	99·92
14	Mudhol	...	436	59	72	99·95
15	Ramdurg	...	127	110	6	100·00
16	Kolhápur	1	1,007	929	...	99·99
17	Janjira	13	4	4	...	99·95
18	Bansda	50	...	...	...	100·00
	Grand Total ...	608	3,729	2,283	355	99·90

No. I—*contd.*

tage of successful in the results known.	Persons successfully vaccinated per 1,000 of Population.	Percentage of unknown cases to total cases.		Average annual Number of Persons successfully vaccinated during previous five years.		Average Annual Number of Deaths from Small-pox during previous five years.	
Re-vaccination.		Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
17	18	19	20	21	22	23	24
95·08	35·12	·13	32·22	5,930	29·24	...	...
...	31·97	·78	...	2,212	30·86	...	...
·92	26·15	10·71	4·39	1,741	26·97	...	...
100·00	34·20	1·12	9·21	2,843	34·99	...	...
30·05	30·98	4·47	27·38	2,758	21·15	...	...
·00	33·45	...	...	1,857	42·90	...	...
95·12	31·37	·05	...	6,379	30·90	...	...
68·22	37·93	1·30	20·62	7,948	35·91	...	...
88·89	37·66	·16	10·00	3,654	36·11	...	...
95·31	46·49	·26	3·03	3,628	43·93	...	...
100·00	28·62	...	...	1,233	35·57	...	...
63·69	42·62	3·22	6·92	1,426	36·79	...	...
50·83	41·93	·15	...	1,284	37·44	...	...
16·21	34·09	...	16·51	1,866	31·02	...	...
90·91	43·15	...	4·72	1,284	37·77	...	...
92·25	38·80	·00	...	27,914	33·48	...	...
100·00	23·05	·64	...	2,189	25·01	...	...
...	4·14	23·15	...	1,176	29·31	...	...
67·66	35·48	·74	9·52	77,322	32·64	...	...

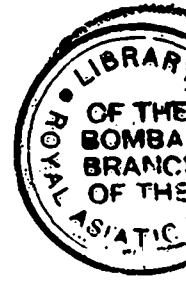
STATEMENT No. I—*concld.*

Summary

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which results were known.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
By Special Staff (Statement I).	82,383	3,729	82,413	3,729	99·90	67·06

	Average number of persons vaccinated by each vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
	Vaccinators employed.	Persons vaccinated by each vaccinator.	Under one year.	One and under six years.			
						Rs. a. p.	Rs. a. p.
By Special Staff (Statement I).	53	1,625	69,159	13,261	35·48	.....	...

STATEMENT II



STATEMENT

Showing the Cost of the Department in

No.	Circles and Districts.	Expend							
		European Supervising Officers.	Pay.	Inspectors of Sanitation and Vaccination.	Pay.	Vaccinators.	Pay.	Clerks.	Pay.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
1	Idar State ...	...	...	1	336 0 0		751 13 10	...	...
2	Cambay ...	...	...	2	3,960 0 0	2	684 0 0	...	...
3	Akalkot ...	...	...	1	480 0 0	2	571 11 0	...	...
4	Phaltan ...	...	...	...	...	1	228 0 0	...	...
5	Bhor ...	...	...	1	432 0 0	4	793 5 7	...	...
6	Savantwadi ...	...	...	1	720 0 0	6	1,607 14 11	...	...
7	Aundh (Pant Pratinidhi).	...	...	1	180 0 0	2	652 0 0	...	...
8	Kolhapur State ...	...	...	1	510 0 0	18	3,309 10 4	1	260 0 0
9	S. M. Country States.	...	...	8	2,744 0 0	17	3,786 15 4	1	192 0 0
10	Janjira ...	...	...	...	...	1	762 0 0	...	...
11	Bansda ...	...	...	...	...	...	...	...	...
	Total ...	...	...	16	9,362 0 0	53	13,047 7 0	2	452 0 0

No. II

the Indian States during the year 1927-28

iture.						Paid from	
Peons, etc.	Pay.	Total Pay of Establishment.	Travelling Allowances.	Contingencies.	Total Cost.	Imperial Funds.	Provincial Funds.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5	449 15 6	1,537 13 4	...	127 15 0	1,665 12 4	...	...
2	267 0 0	951 0 0	207 3 0	395 11 6	5,513 14 6	...	...
3	399 0 0	1,460 11 0	366 7 0	60 5 0	1,867 7 0	...	...
1	99 5 8	327 6 8	101 13 0	17 7 0	446 9 8	...	...
4	318 15 10	1,544 5 5	322 3 0	207 13 9	2,074 6 2	...	...
6	916 8 3	3,244 7 2	498 7 2	93 3 6	3,836 1 10	...	...
2	216 0 0	948 0 0	278 11 3	12 0 0	1,238 11 3	...	...
14	1,498 0 0	5,677 10 4	1,596 0 0	381 8 0	7,655 2 4	...	...
25	2,978 13 11	9,701 13 3	3,681 1 0	972 0 4	14,354 14 7	...	...
1	213 4 10	976 4 10	240 0 0	61 13 0	1,277 1 10	...	...
...	...	...	...	...	...	...	...
63	7,367 0 0	26,260 7 0	7,291 13 5	2,319 13 1	39,930 1 6	...	...

STATEMENT No. II—*concld.*

No.	Circles and Districts.	Paid from—*contd.*			Total.	Number of all successful Vaccinations and Re-vaccinations.	Average cost of each successful case.
		Local Funds.	Municipalities.	Native States.			
		Rs.	Rs.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Idar State	...	...	1,66 12 4	1,665 12 4	7,122	0 3 9
2	Cambay	...	...	5,513 14 6	5,513 14 6	2,292	2 7 2
3	Akalkot	...	...	1,867 7 0	1,867 7 0	2,795	0 10 9
4	Phaltan	...	...	446 9 8	446 9 8	1,448	0 5 0
5	Bhor	...	...	2,074 6 2	2,074 6 2	4,040	0 8 3
6	Savantwadi	...	...	3,836 1 10	3,836 1 10	6,477	0 9 6
7	Aundh (Pant Pratinidhi) ...	...	...	1,238 11 3	1,238 11 3	1,688	0 11 9
8	Kolhapur State	...	...	7,555 2 4	7,555 2 4	32,349	0 3 9
9	S. M. Country States	...	...	14,364 14 7	14,364 14 7	23,643	0 9 9
10	Janjira	...	...	1,277 1 10	1,277 1 10	2,016	0 10 2
11	Bansda	...	...	...	...	...	...
	Total ...	...	...	39,830 1 6	39,830 1 6	2,018	0 10 2

STATEMENT IV

STATEMENT

Showing the number of persons primarily vaccinated and the each of the under

Establishments.	Persons Primarily					
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Years ended					
	1918-1919.		1919-1920.		1920-1931.	
Idar	...	...	...	...	5,805	5,650
Cambay	1,996	1,985	1,847	1,841	1,781	1,769
Bhor (Pant Sachiv)	2,813	2,794	3,326	3,265	2,915	2,786
Phaltan	1,260	1,190	1,515	1,441	1,475	1,450
Sávantvádi	5,170	5,164	5,094	5,087	4,613	4,604
Aundh	2,020	1,898	1,889	1,940	1,743	1,565
Akalkot	2,744	2,693	3,049	2,994	2,953	2,895
Janjira	2,120	2,103	2,286	2,270	2,010	1,987
Southern Maratha Country States...	21,123	21,001	20,089	19,978	20,404	20,269
Kolhapur	25,780	25,768	21,582	21,561	23,681	23,652
Baroda	1,035	1,015	1,006	962	1,192	1,094
Total ...	66,060	65,611	61,583	61,139	68,572	67,721

No. IV

number of those persons who were successfully vaccinated in mentioned years

VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated
ON 31ST MARCH.							
1921-1922.		1922-1923.		1923-1924.		1924-1925.	
5,945	5,825	5,887	5,734	6,330	6,180	6,021	5,899
2,131	2,090	2,047	1,881	2,167	2,130	2,438	2,384
2,791	2,742	3,135	3,020	2,764	2,707	3,988	3,788
1,251	1,250	1,245	1,242	1,507	1,506	1,356	1,356
4,819	4,812	5,387	5,382	2,496	2,361	6,637	6,637
1,965	1,824	2,071	1,906	6,064	6,063	1,968	1,779
3,149	3,072	3,010	2,965	1,890	1,688	2,970	2,930
1,915	1,906	2,019	2,013	2,145	2,142	2,172	2,166
20,821	20,747	21,062	21,006	20,924	20,866	20,867	20,810
24,428	24,419	25,435	25,415	26,004	25,995	27,158	27,155
1,454	1,391	1,262	1,150	1,496	1,349	1,221	1,178
70,669	70,078	73,560	71,714	73,787	73,087	76,798	76,078

STATEMENT No. IV—*concld.*

Establishments.	PERSONS PRIMARILY VACCINATED—*contd.*					
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	YEARS ENDED ON 31ST MARCH—*contd.*					
	1925-1926.		1926-1927.		1927-1928.	
Idar	5,768	5,768	6,039	5,998	7,073	7,064
Cambay	2,407	2,320	2,295	2,269	2,314	2,292
Bhor (Pant Sachiv)	3,921	3,673	3,511	3,335	4,184	3,985
Phaltan	1,315	1,315	1,401	1,401	1,448	1,448
Sávantvádi	6,212	6,206	6,321	6,317	6,368	6,360
Aundh	1,615	1,406	2,080	1,903	1,895	1,687
Akalkot	2,718	2,692	2,622	2,594	2,757	2,726
Janjira	2,194	2,161	2,164	2,149	2,028	2,014
Southern Maratha Country States...	22,241	22,181	21,745	21,637	22,706	22,593
Kolhapur	26,372	26,361	27,047	27,044	31,424	31,420
Baroda	1,426	1,245	1,190	939	216	166
Total ...	76,209	75,328	76,415	75,578	82,413	81,755

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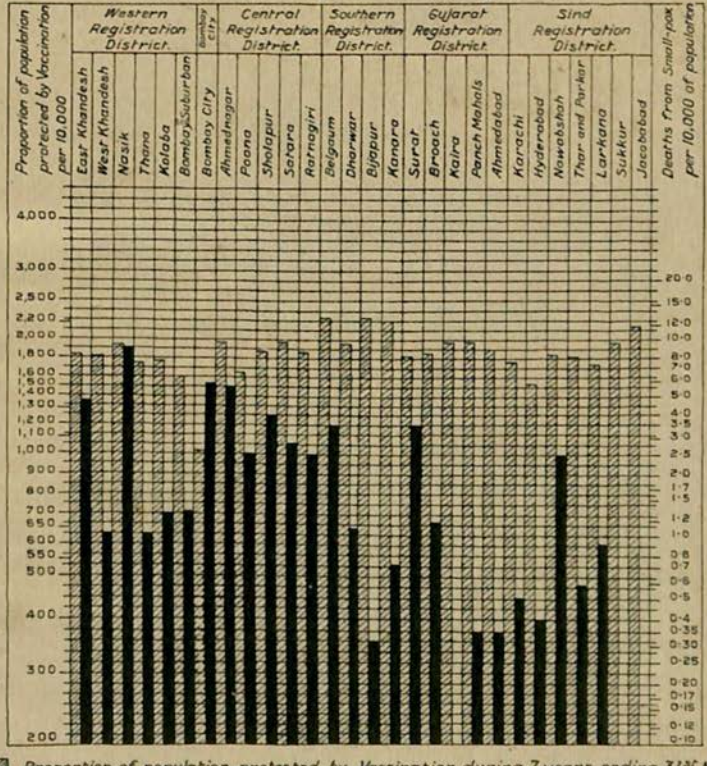
APPENDIX IV

Diagram illustrating the death rates from Small-pox during the year 1927-28 and the proportion of population protected by Vaccination during the seven year period from 1921-22 to 1927-28.

(NOTE:- Scale figures are at Log interval.)



Proportion of population protected by Vaccination during 7 years ending 31st March 1928.

Ratio of deaths from Small-pox per 10,000 of population during the year 1927-1928.

Bombay Annual Vaccination Report for 1927-1928.

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